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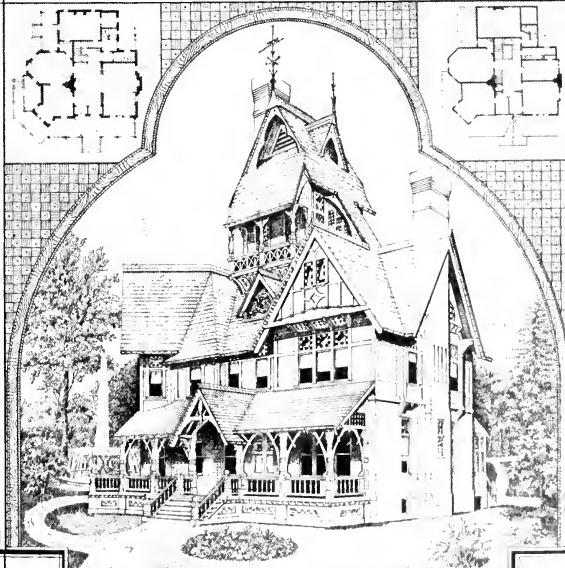
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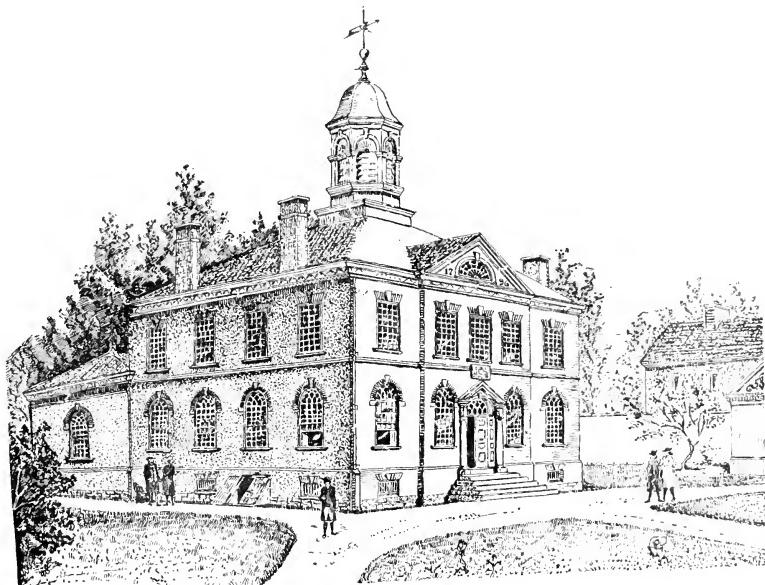
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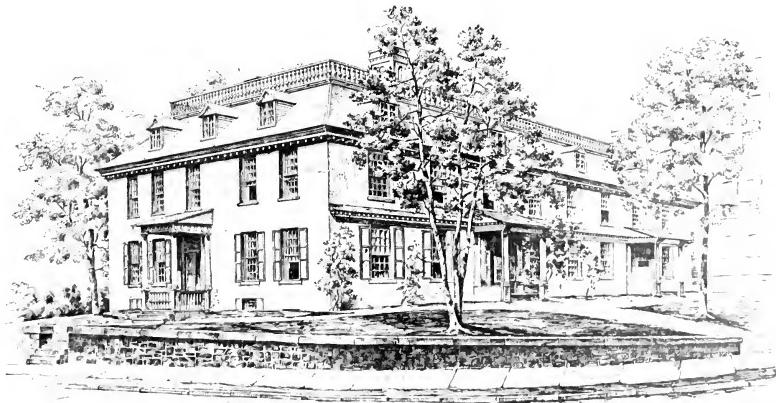
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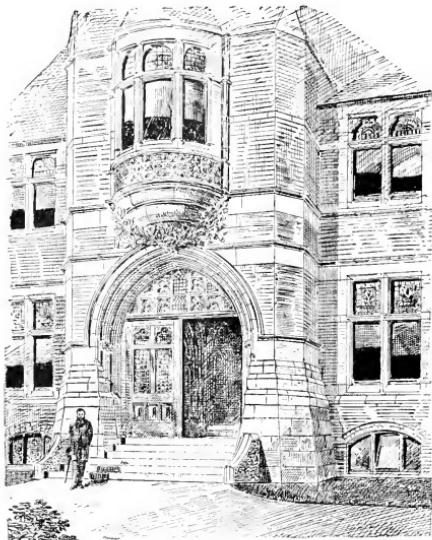
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*Frontispiece.—“Ye Ancient Court House, in New Jersey, erected 1796.”*



*Frontispiece (drawn from a photograph).—Philipse Manor House. Erected in 1689 by Frederick Philipse, Esq., who received a grant of nearly 8,000 acres from the King of England. Manor of Philipsburg created 1690; confiscated by Act of the Legislature of New York, 1779; sold by Commissioners of Forfeiture, 1783; occupied as a private residence until 1863, when it was purchased by the Village of Yonkers, and in 1872 it became the City Hall of Yonkers.*



THE ENTRANCE.

**A**T the International Congress of Architects, Rouen, the secretary, M. Lucas, introduced the following, defining the rights of the profession:

1. The architect ought to possess the same right of controlling the reproduction or copying of his architectural work that is possessed by the painter, the sculptor and all other artists.
2. The architect, like every other artist, should reserve to himself the exclusive right to reproduce, or authorize the reproduction of his work; and any law which might be made in favor of the protection of any artist, should apply to the architect.
3. Any architect who had conceived a plan of an edifice or directed its erection should have the right to inscribe upon it his name and profession.

The very general ignorance as to the value of an architect's services, makes it difficult to ask or expect legal protection in what should be the exclusive property of an architect. Until the press of the country is informed and interested in architectural matters, it is doubtful if there will be a public intelligence to recognize the claims of the architect.

"Architecture has its political use, public buildings being the ornament of a country; it establishes a nation, draws people and commerce, makes the people love their native country, which passion is the origin of all great actions in a commonwealth."—*Sir Christopher Wren*.

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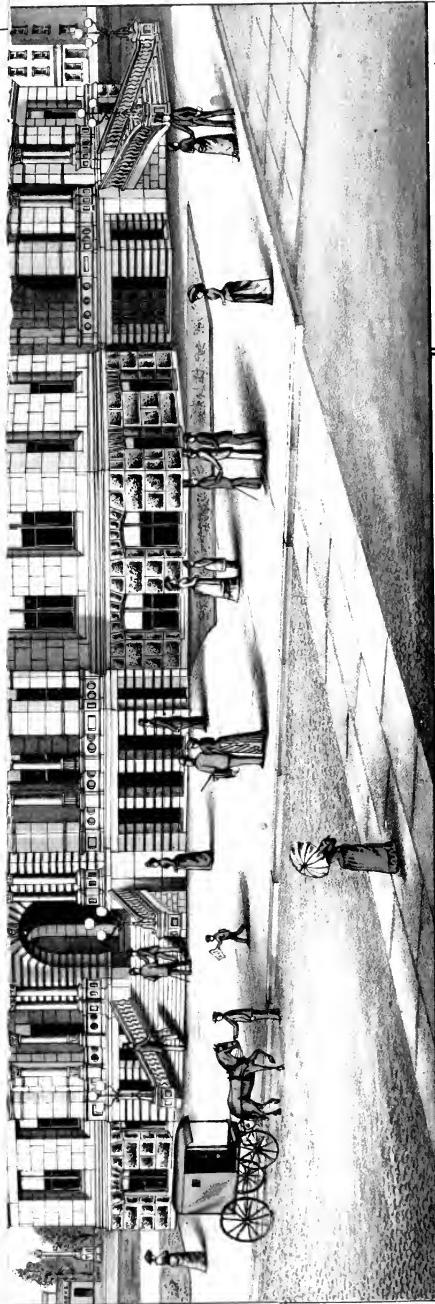


KNOX COUNTY COURT HOUSE, KNOXVILLE, TENN., PALLISER, PALLISER & CO., ARCHITECTS, NEW YORK.

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PERSPECTIVE VIEW OF COURT HOUSE • 24 E 42<sup>nd</sup> St New York

## THE AUTHOR'S INTRODUCTION.

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presenting these plans and designs to public officers, building committees and corporations, and others interested in building, and especially devoted to the advancement of the public welfare, we desire to say, that in doing so, it has been our endeavor to present a selection of practical plans that, with few additions and changes, can be adapted to the requirements of all grades and sizes of villages, towns, cities and counties. While it is not expected that these plans will meet all the requirements of communities other than those for whom they were designed, still they can be used as a basis of study, from which suitable buildings can be developed to meet their wants

peculiarities of site and other conditions.

The rapid progress which has been made within the past ten years, in both the interior arrangement and external treatment of buildings, very forcibly illustrates the desirability of seeking the services of an able and trustworthy architect in order to obtain the best results and to meet the true wants and requirements of the public, rather than by bungling with those who have no ability, character or experience in such matters; and it is a well-established fact, that in these days not only individuals, but public bodies who are intrusted with the expenditure of the people's money, not only want, but demand the most practicable plans with the best and most artistic designs that the money they are prepared to expend will procure in the execution of the structure, and without involving any greater expenditure or even as much —omissions and extras amounting sometimes to 50 per cent of the contract being saved if they had blundered and failed to secure these requisites; and in order to reach this result, the services of those who are doing a large and progressive business must be sought.

A well-developed and carefully drawn plan will in every case save many times its cost, by itself being a basis on which exact estimates can be made, and in enabling the corporation or commissioners to know to a penny the cost of the proposed building, and also what the material and workmanship is to be throughout, and to obtain the completed edifice without disappointment and extras of cost. Another thing the plans given in the following pages prove conclusively that there is a very general tendency on the part of the public at large, to secure the best services regardless of the location of the architect, and local prejudices have in consequence often to give way to the better work of an architect at a distance.

A successful architect is he that can originate practical things that have pleasing effects, and that can be executed at a moderate cost and this we claim for our firm, and, by the way, we may also state that distance is no obstacle, and we furnish, in a thorough, most comprehensive and satisfactory manner, working plans and specifications complete for placing in the hands of builders from correspondence alone. Hence, if your people are preparing to build, or wish to remodel, add to or decorate, to improve ventilation, drainage, heating, or to correct existing defects of any kind; to lay out grounds, or wish any information or service connected with building, we cordially invite them to correspond with us. If desired, we will visit parties at any distance for consultation. Our terms are moderate and our work extends throughout the Western world.

24 East 42d Street, New York, July, 1889.

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## DESCRIPTIVE.



to be erected on a corner lot and to be designed with special reference to the requirements, climate, etc., etc. We replied that the cost of preparing a set of 1-8 scale sketches for such a building as would meet all their wants, would be \$100, sketches to be returned to us, but that, if our design should be adopted no charge would be made for sketches, and in such case our compensation for the whole work would be fixed at our regular rates for such services. These terms were accepted, and later, our design likewise, and the building was erected from our full working plans, detail drawings and specifications. See pages 11 to 38 inclusive.

The chairman of the County Commissioners, on receipt of the sketches, wrote us that they had been placed in the bank for examination by the public and that their people were much pleased with the same and were more than satisfied, and no one cared to look at the sketches sent in by their home talent, which had already been examined and found wanting, and as their authors had submitted them entirely without charge, on what is sometimes called the no cure no pay basis, they were favored with a prompt return and notice of their rejection.

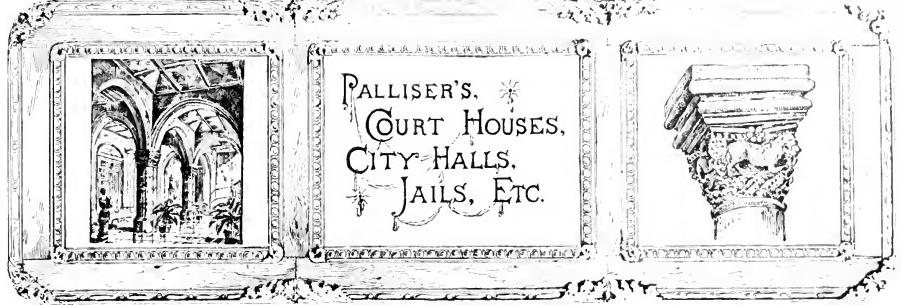
In giving particulars the County Commissioners omitted to send us a diagram of the lot, showing location of street corner, and we had to guess at this when preparing the sketches, and the tower was placed on the wrong side, but this by no means interfered with the excellence of the design and the practical solution of the problem and the consequent delight of the people of Escambia County and particularly of those resident at Pensacola, and in preparing the working plans, the same were reversed to suit the street corner.

At the outset the people did not wish to expend more money than absolutely necessary, and it was intended that good selected hard red brick, such as their local yards produce, should be used for exterior, but finally it was decided that the climate required, and the design was deserving of, a better material, and therefore, it was voted to make a first-class building, by using the best materials and letting the entire work by contract to responsible parties at the most reasonable price possible and the result is a building, at a total expense of \$45,000, like unto the Heliototype print, from nature, given in supplement.

What guided us in the preparation of this design was simply an honest endeavor to carry out in the most practical manner the requirements, and, at the same time, produce a structure in keeping with the growing needs of such building, in all that pertains to its arrangement of plan, convenience of access to all parts, its sanitary needs, and with an exterior of such mold as is best suited to the requirements of plan and giving a solid and imposing appearance. The internal arrangements received careful study, and will, it is hoped, meet the views and approval of many. The piazzas, entrances, hallways and stairs have been placed to suit climate and so as to give liberal and easy access to the whole, without waste or surplus, yet forming a compact, though spacious interior for the purposes intended.

The exterior is simply the clothing that covers the body, and is a natural outgrowth of the plan, the detail being necessary to the general construction, and requisite to the proper dignity of the style of architecture in which the building is designed, and which is a free adaptation of modern Renaissance and selected by us because we considered it the best that could be employed for a building of this nature, giving a greater nobility of character, and capable of the most substantial construction while productive of the most artistic effects for the least outlay.

The plans and drawings are so plain that any one can readily see and ascertain for themselves what the arrangements are, and any description here of the rooms would be useless; likewise, the specifications and details are valuable, giving, as they do, a full account of the materials and methods used in construction.



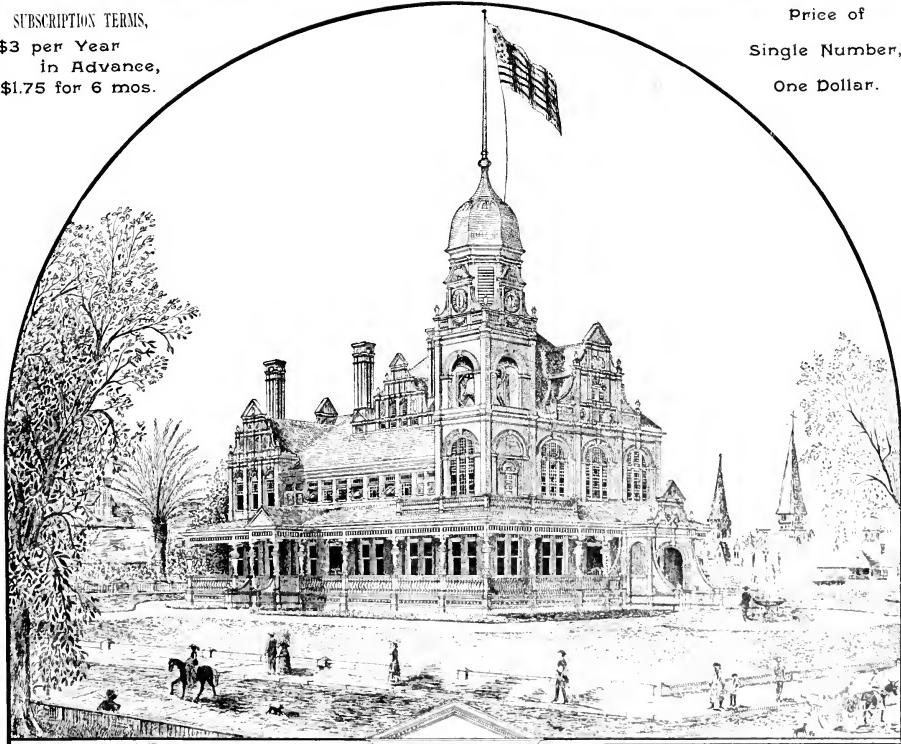
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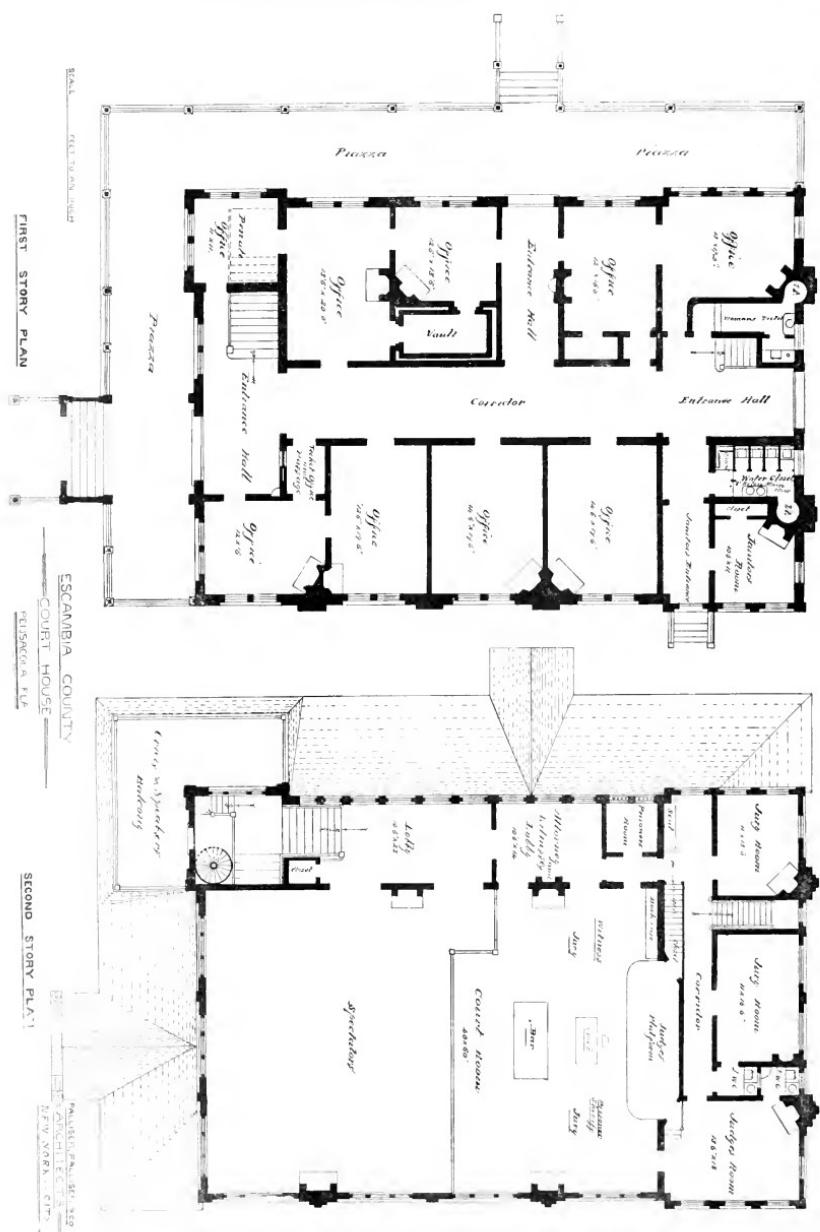
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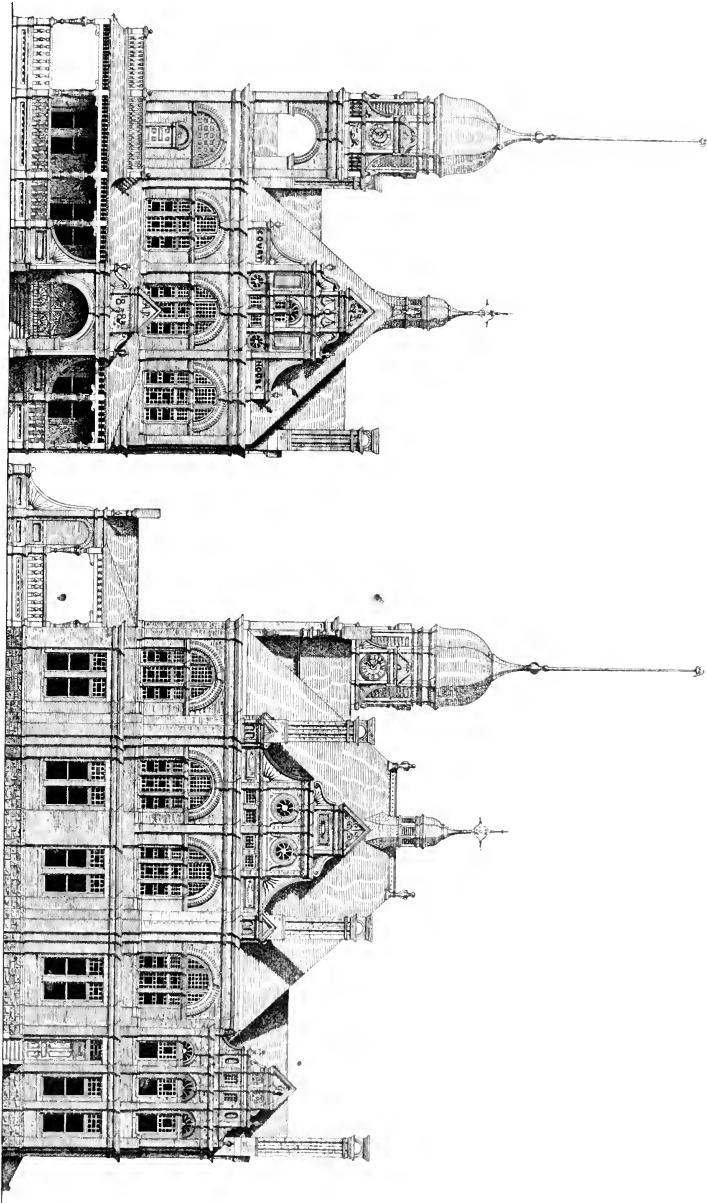


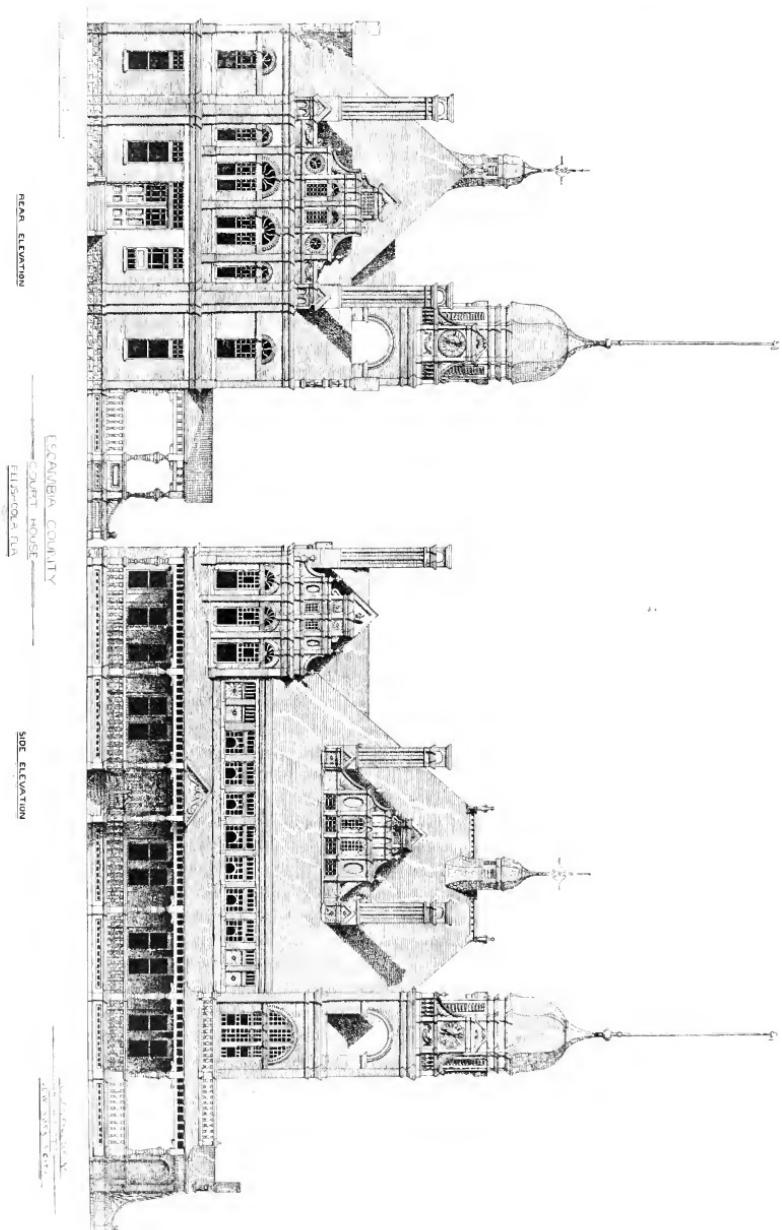
ESCAMBIA COUNTY COURT HOUSE  
PENSACOLA, FLA.

PERSPECTIVE VIEW

NEW YORK



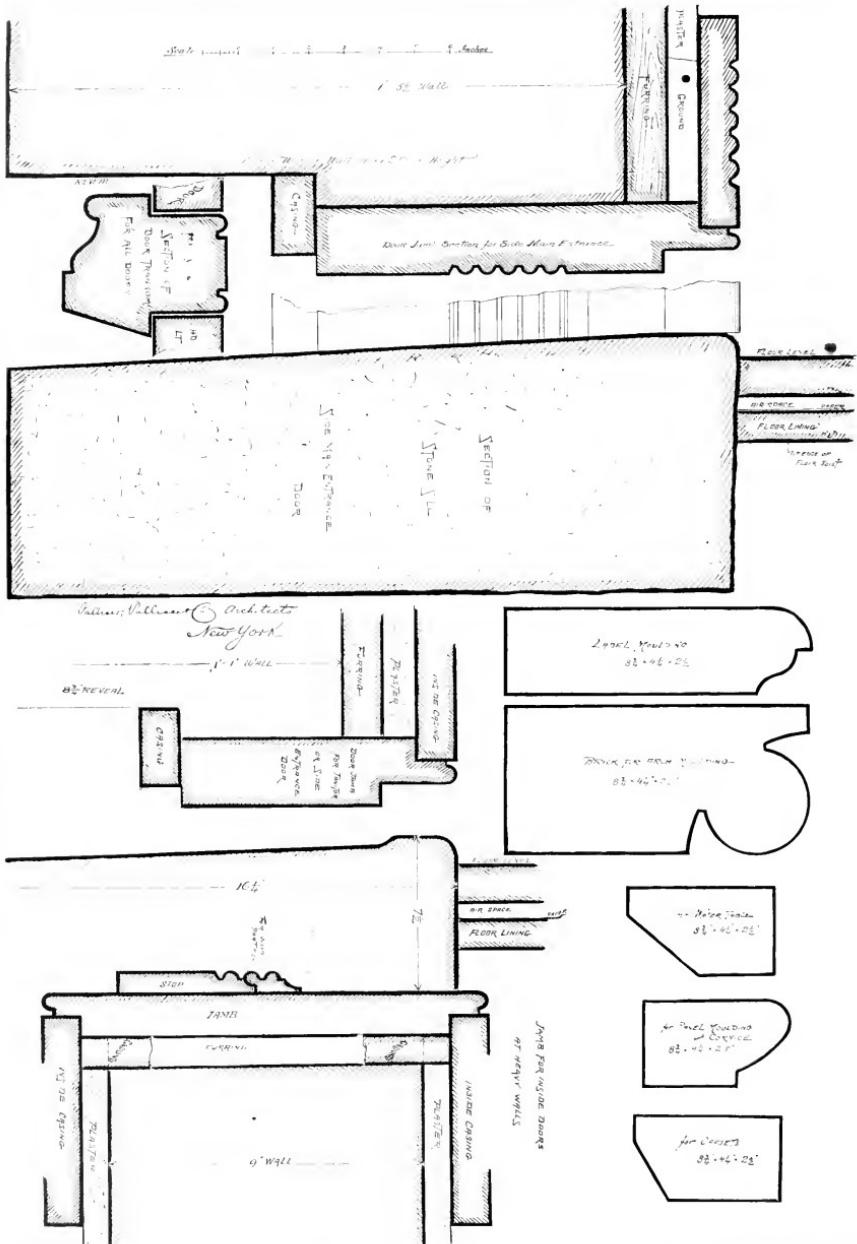


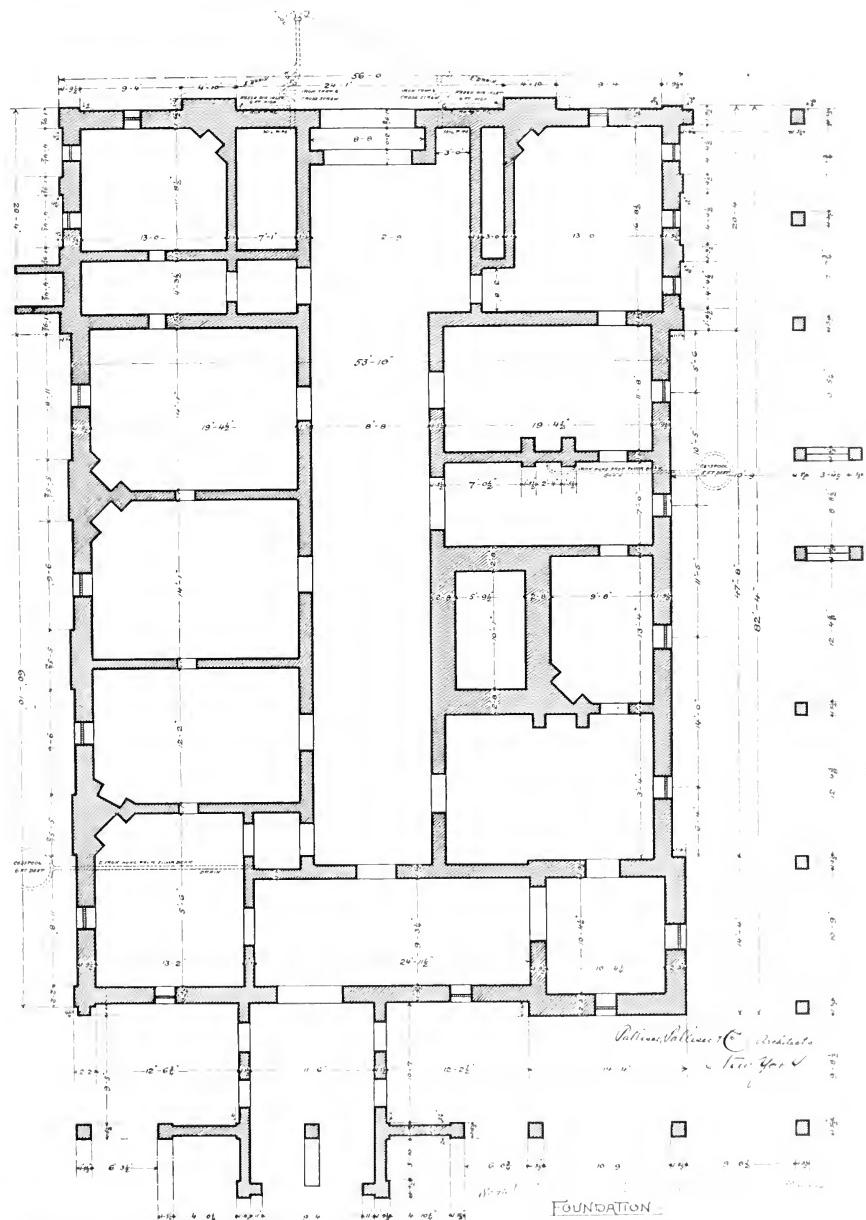


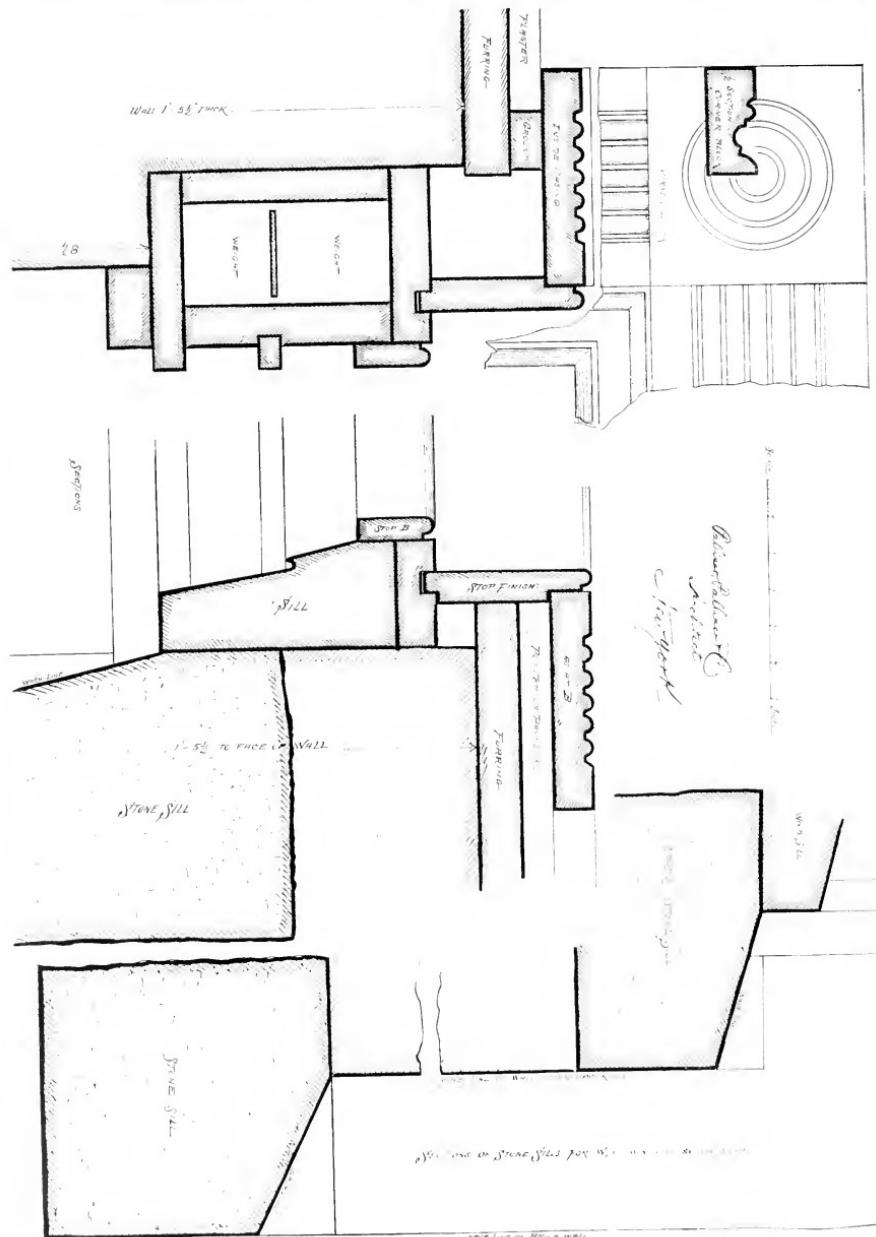


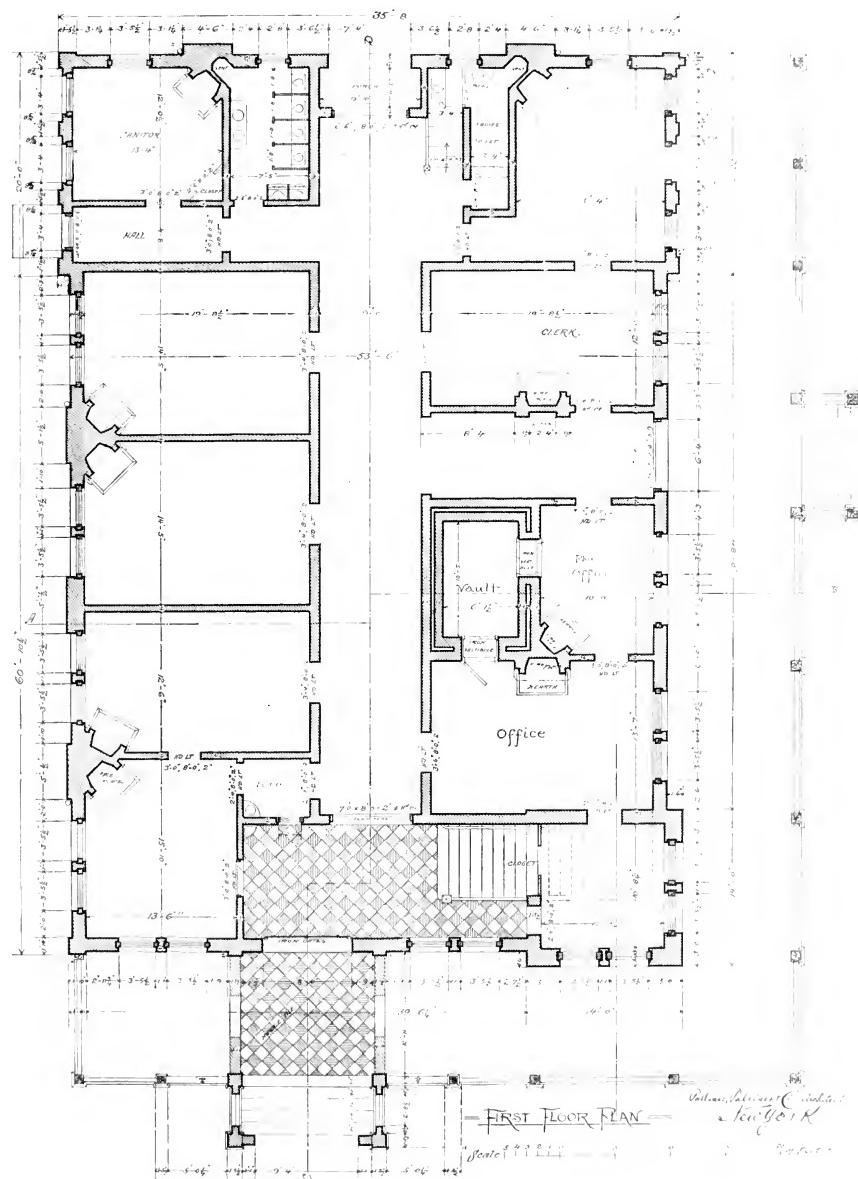


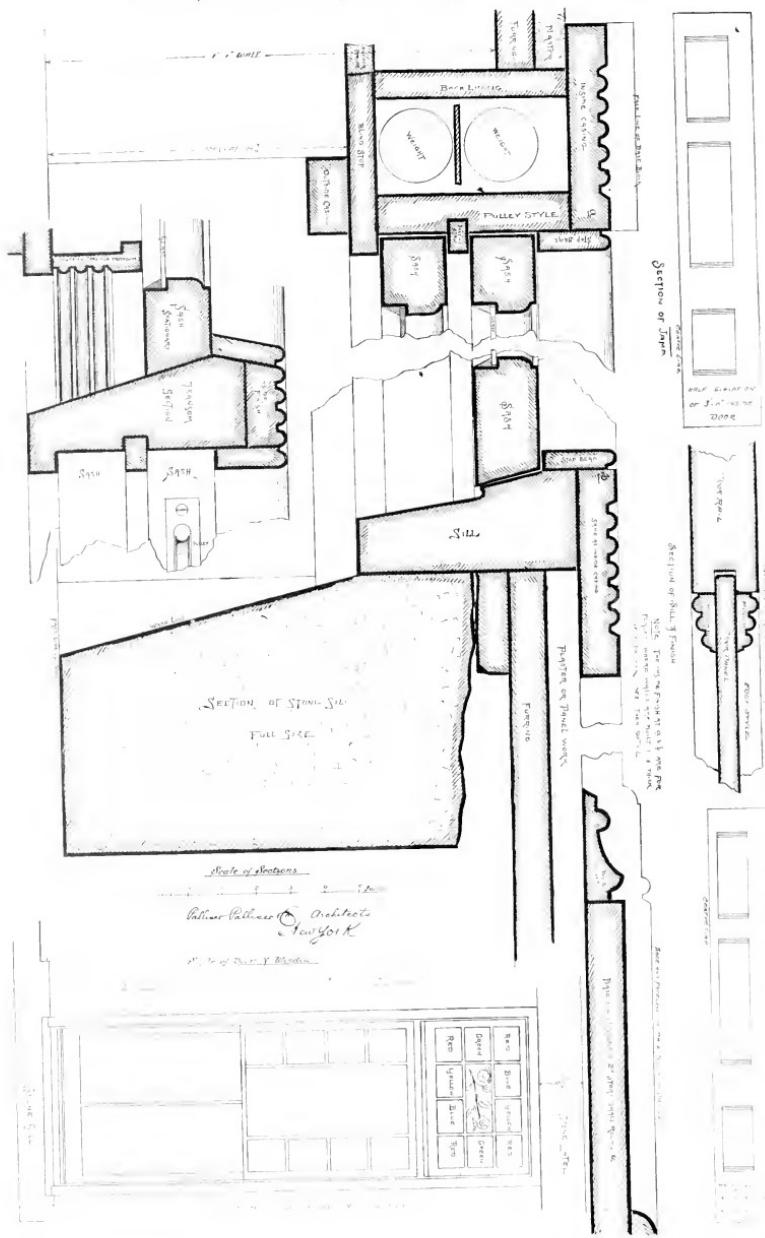




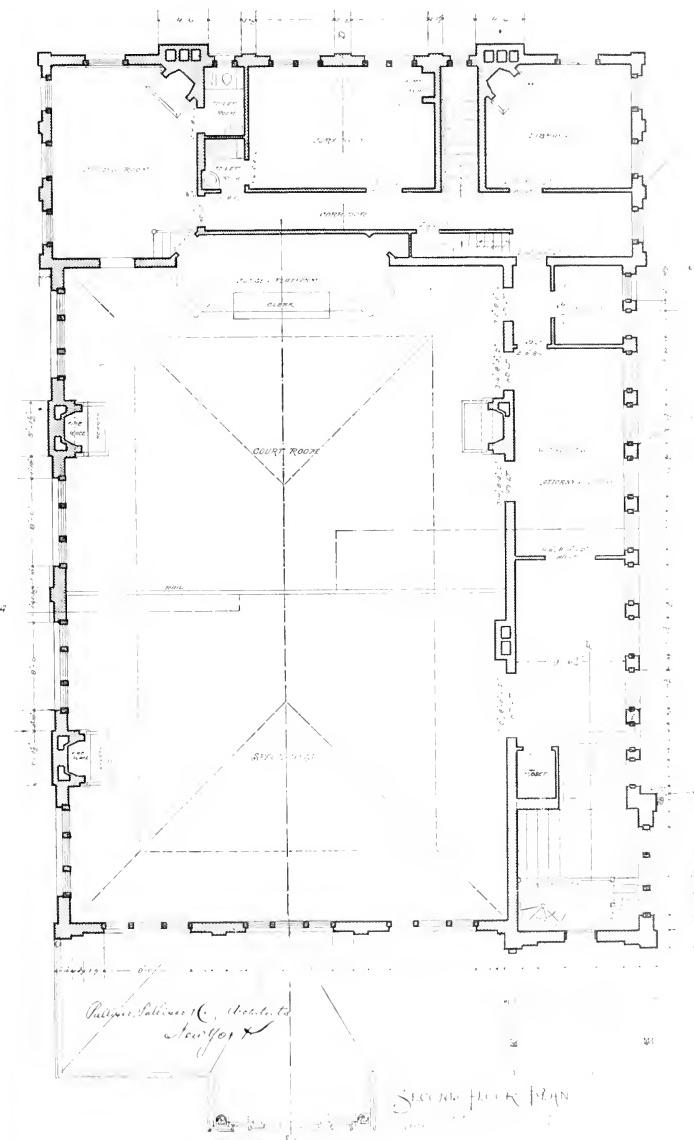








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## Details of Escambia County Court House, at Pensacola, Florida.

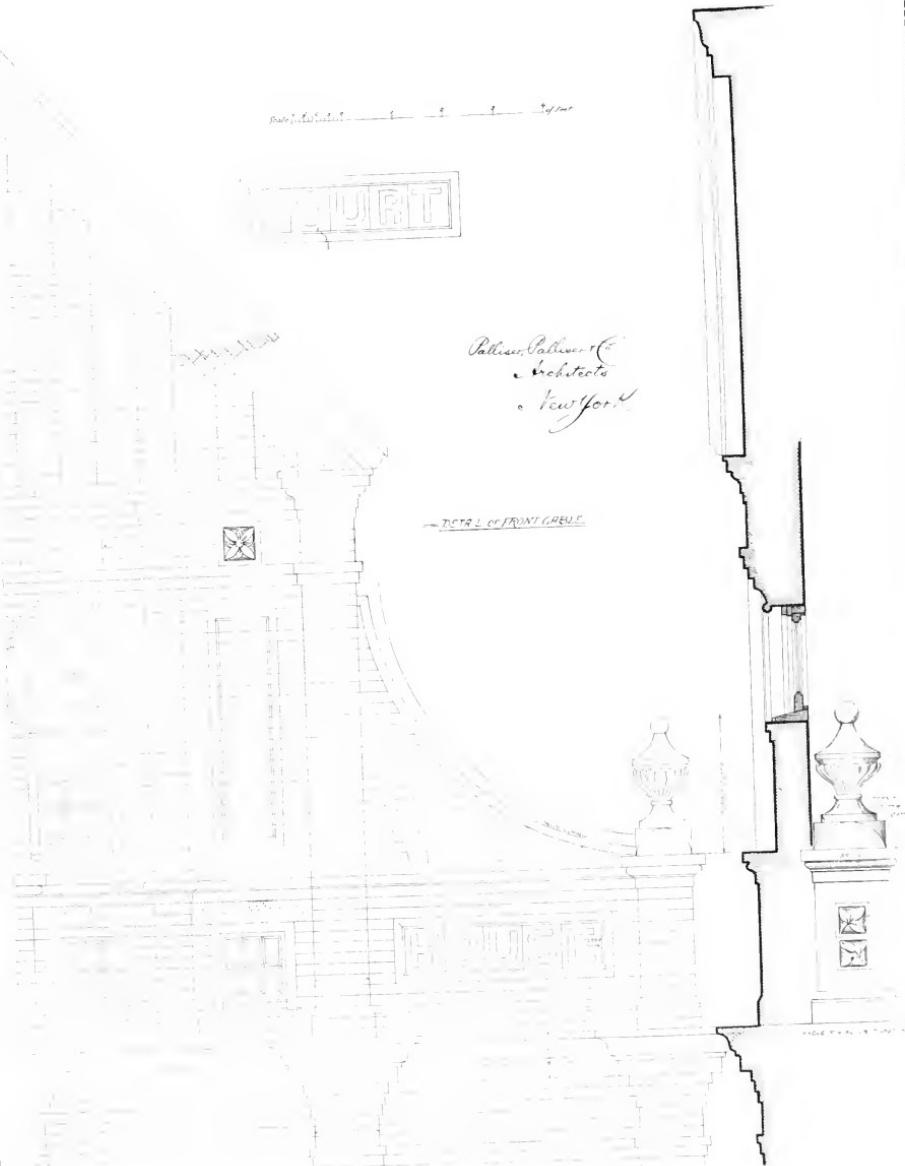
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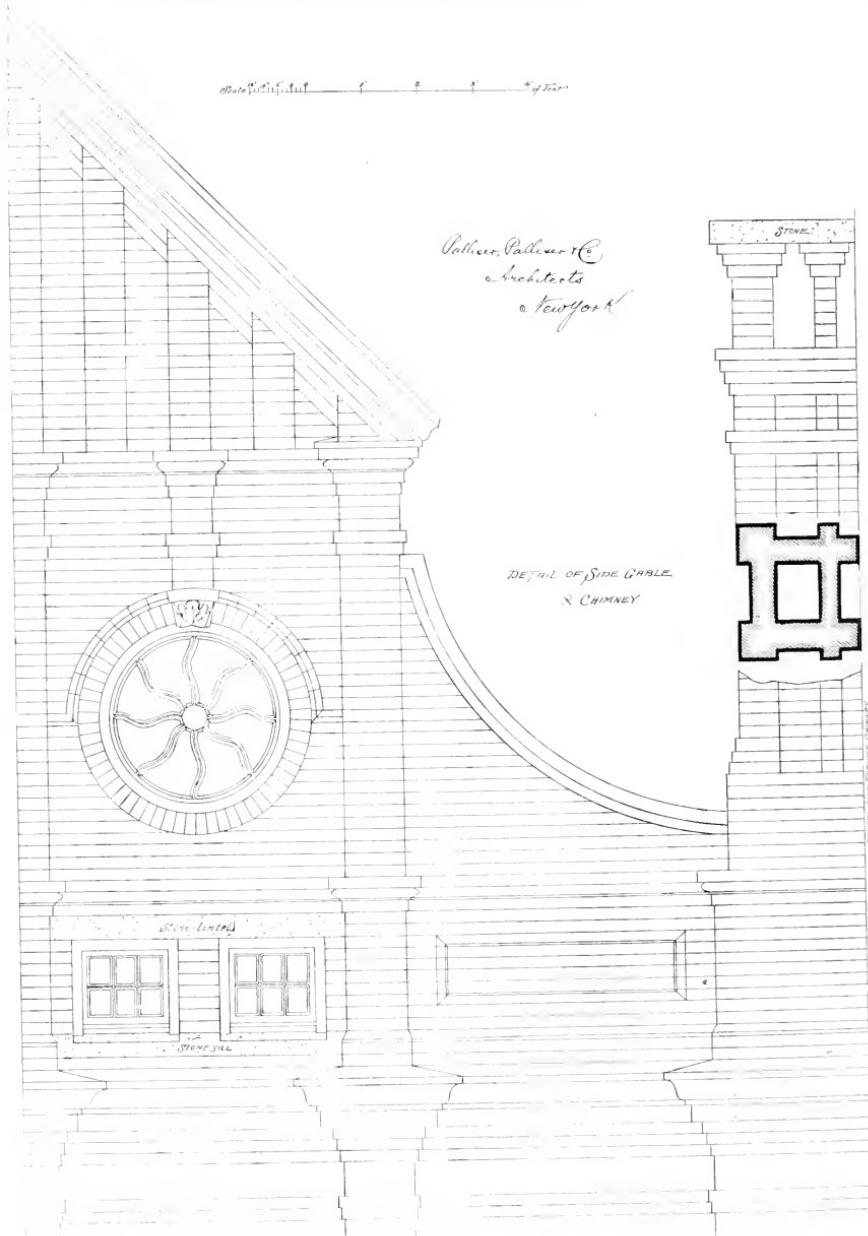
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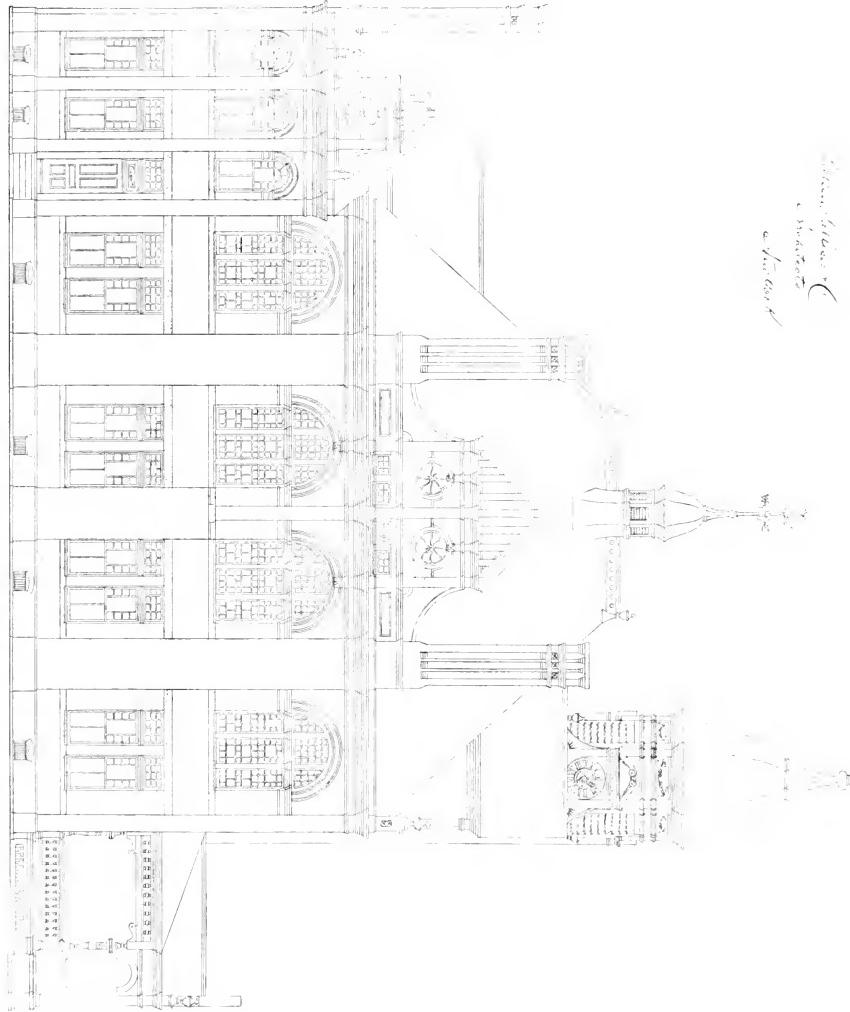
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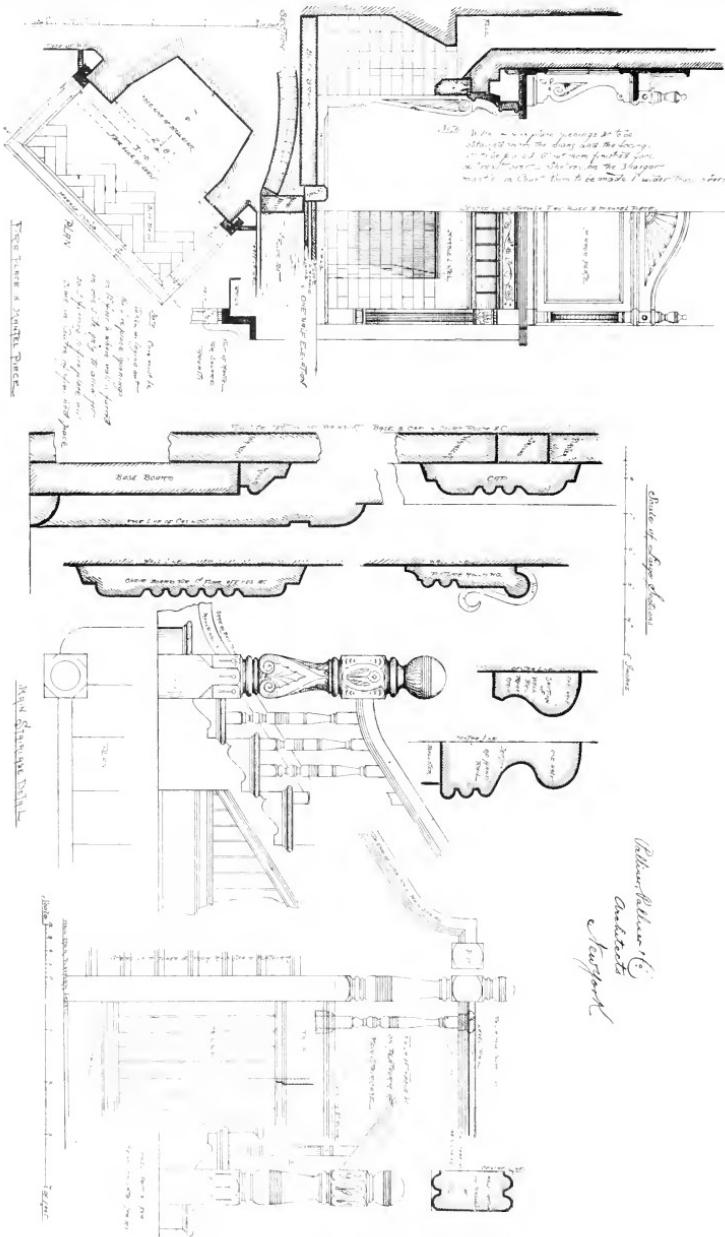


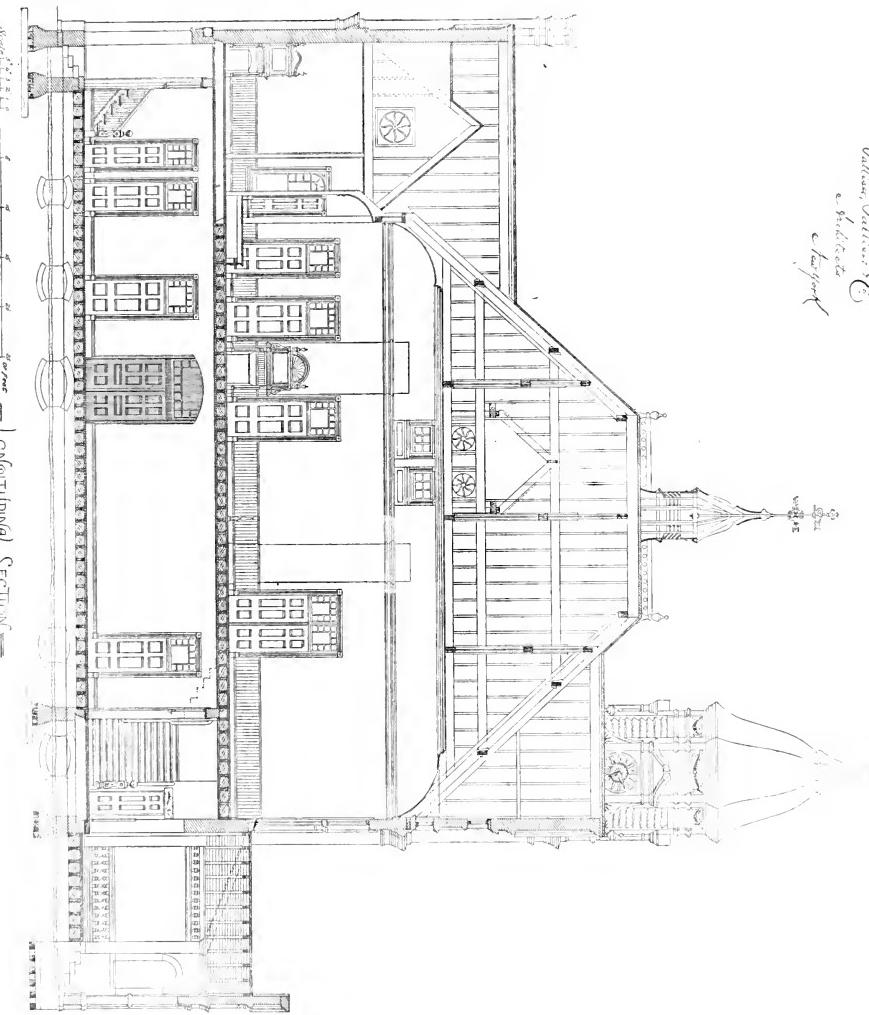
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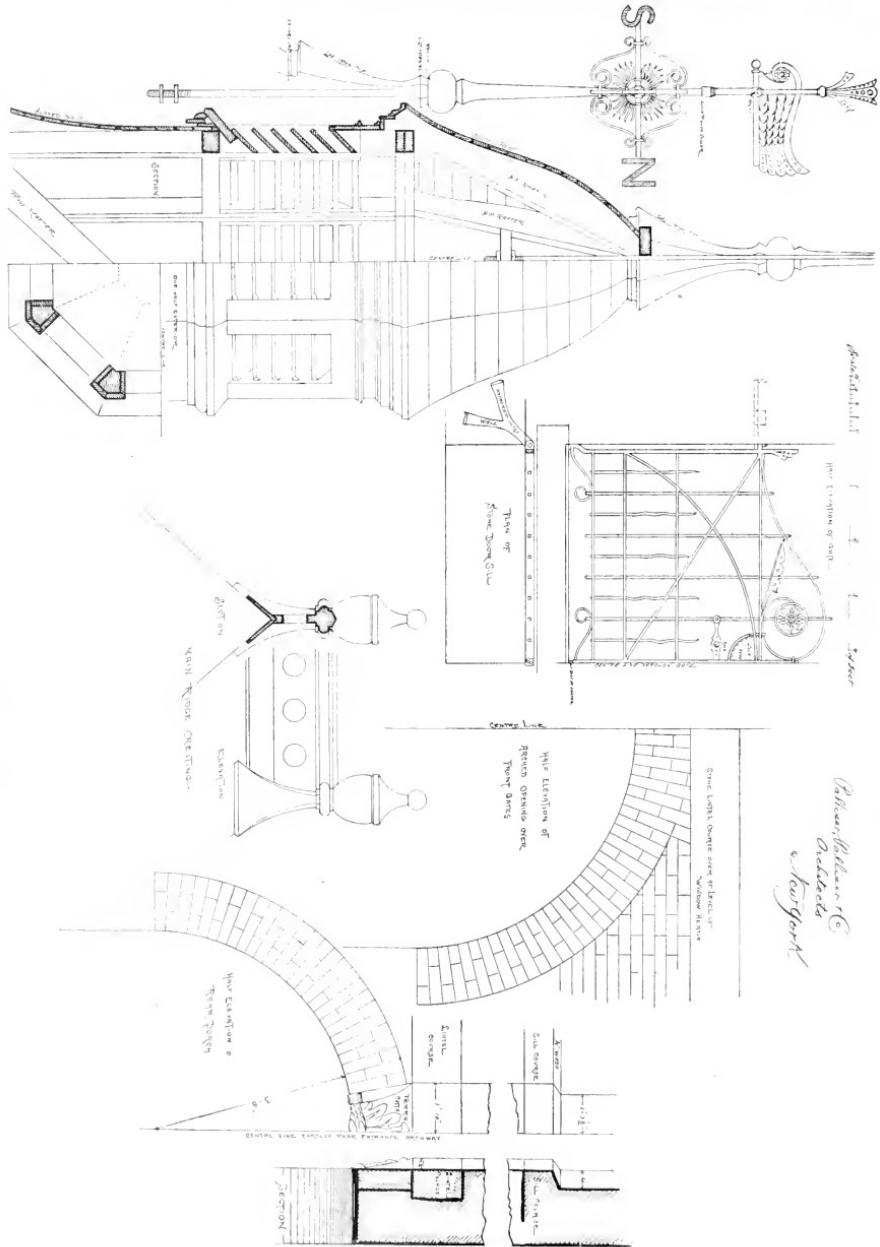


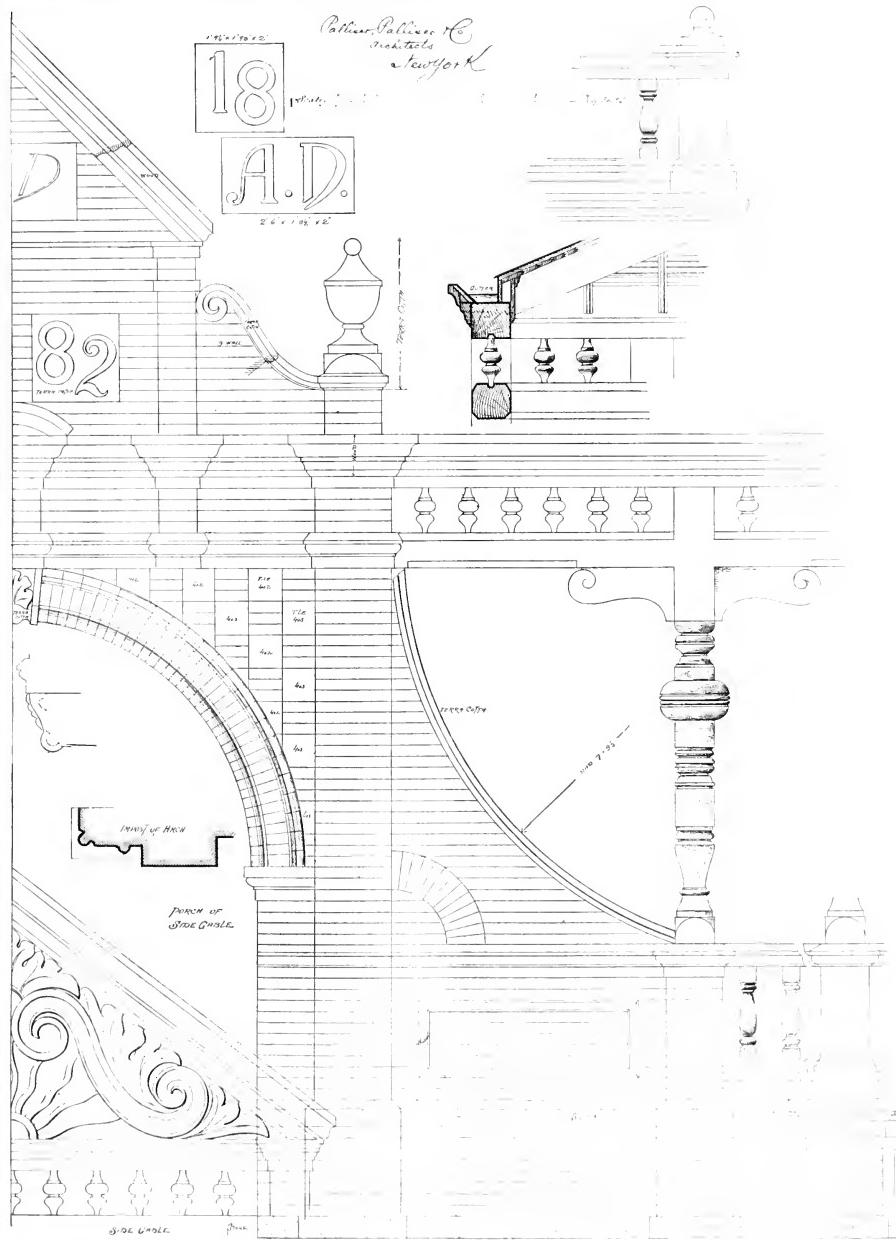


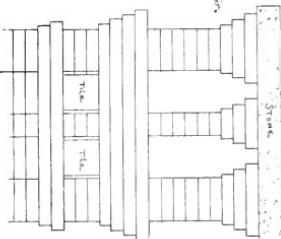
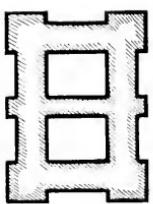
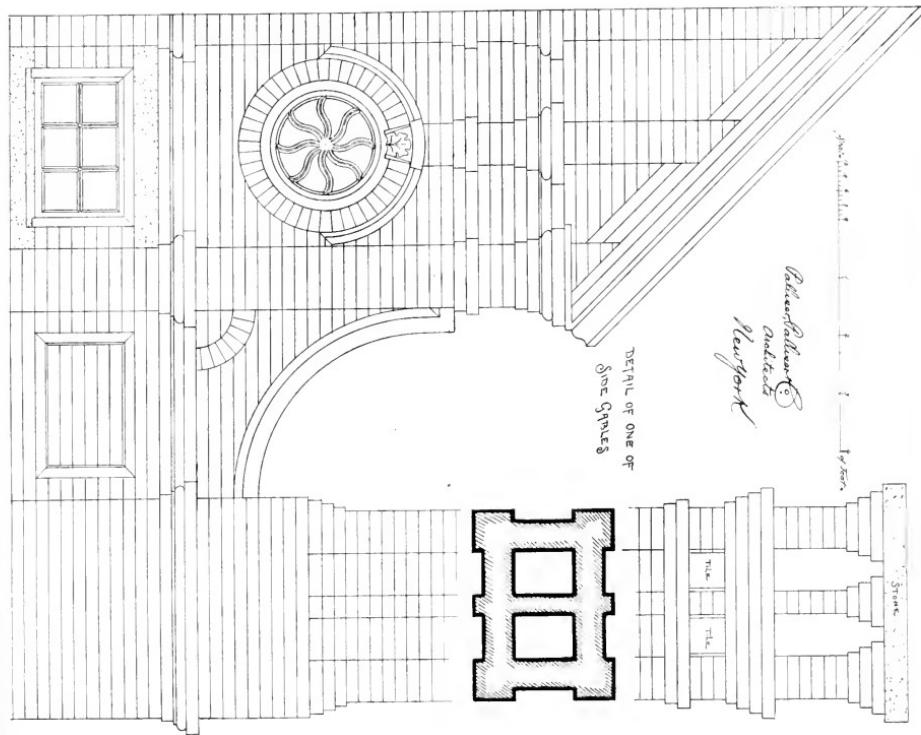




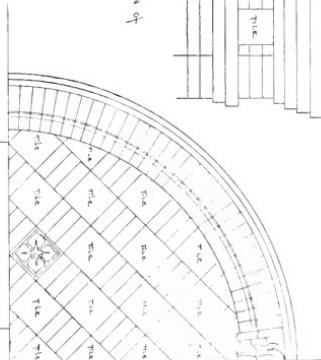
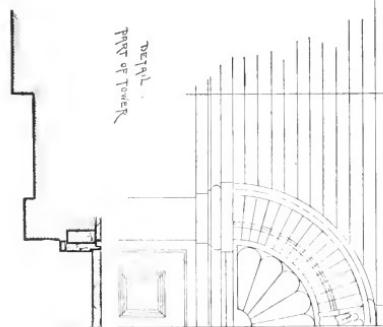
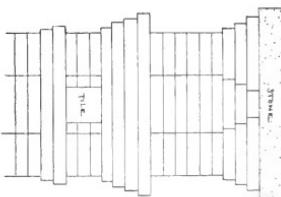


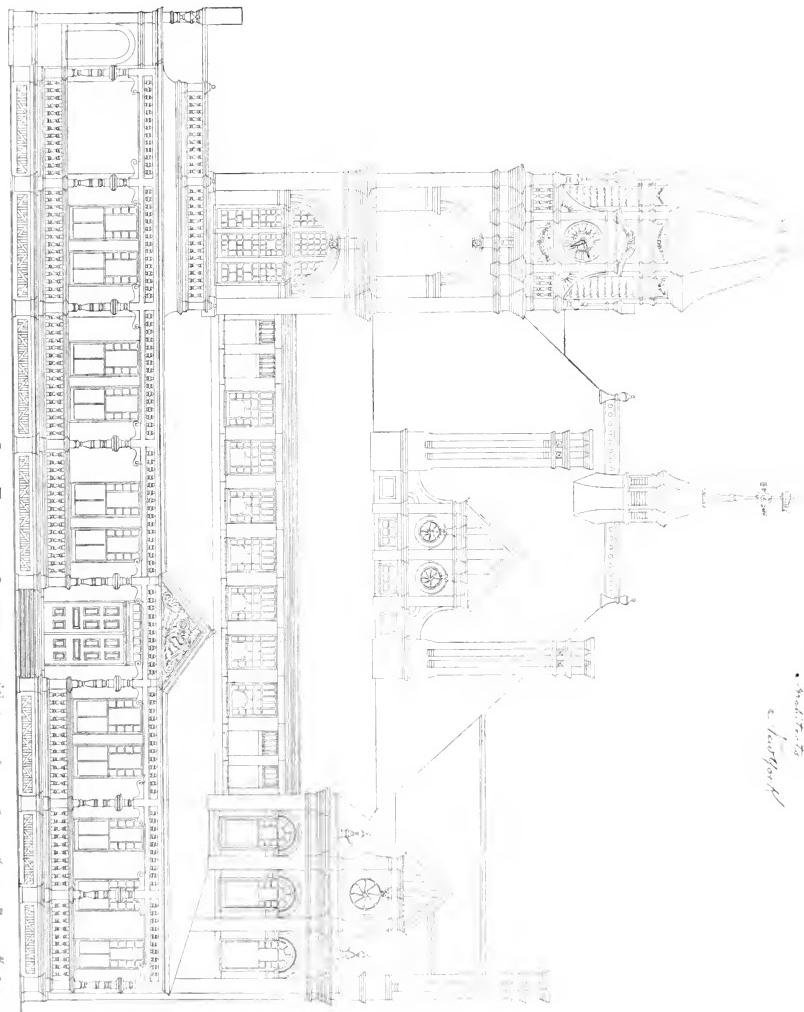


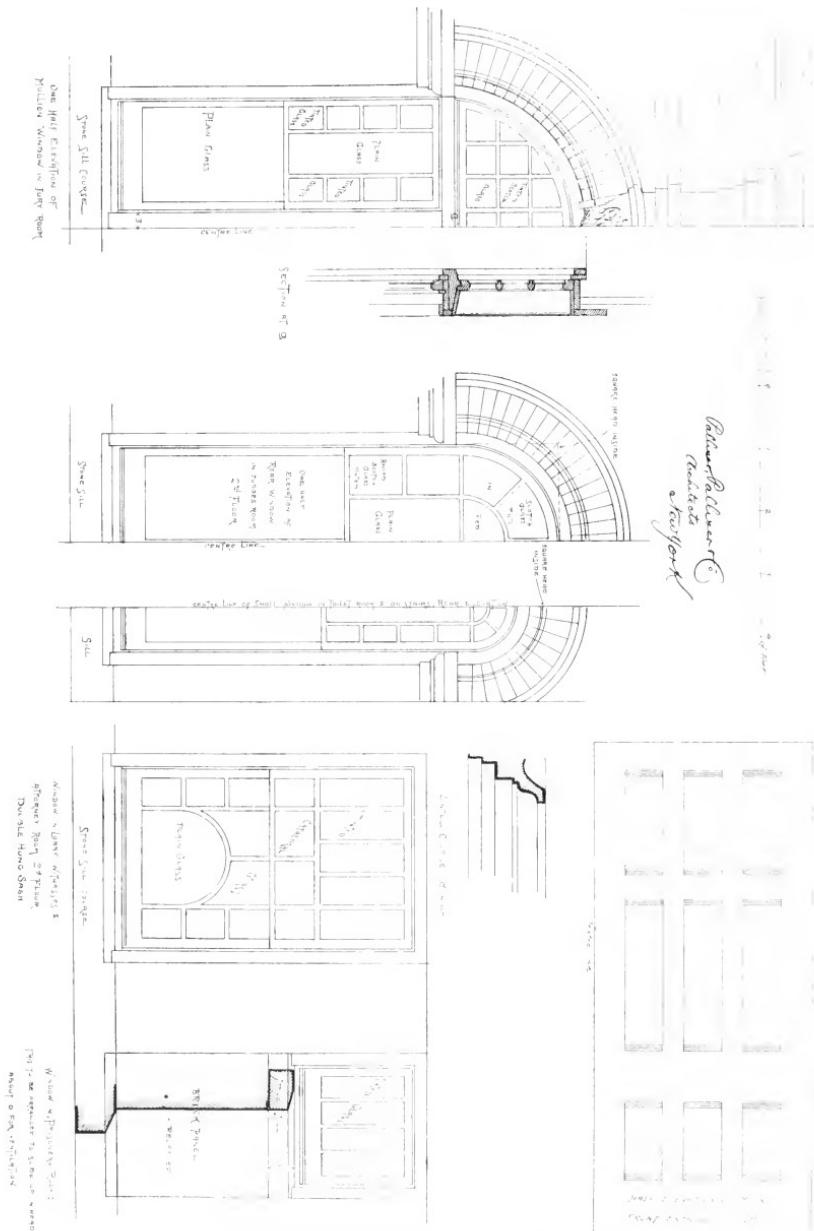


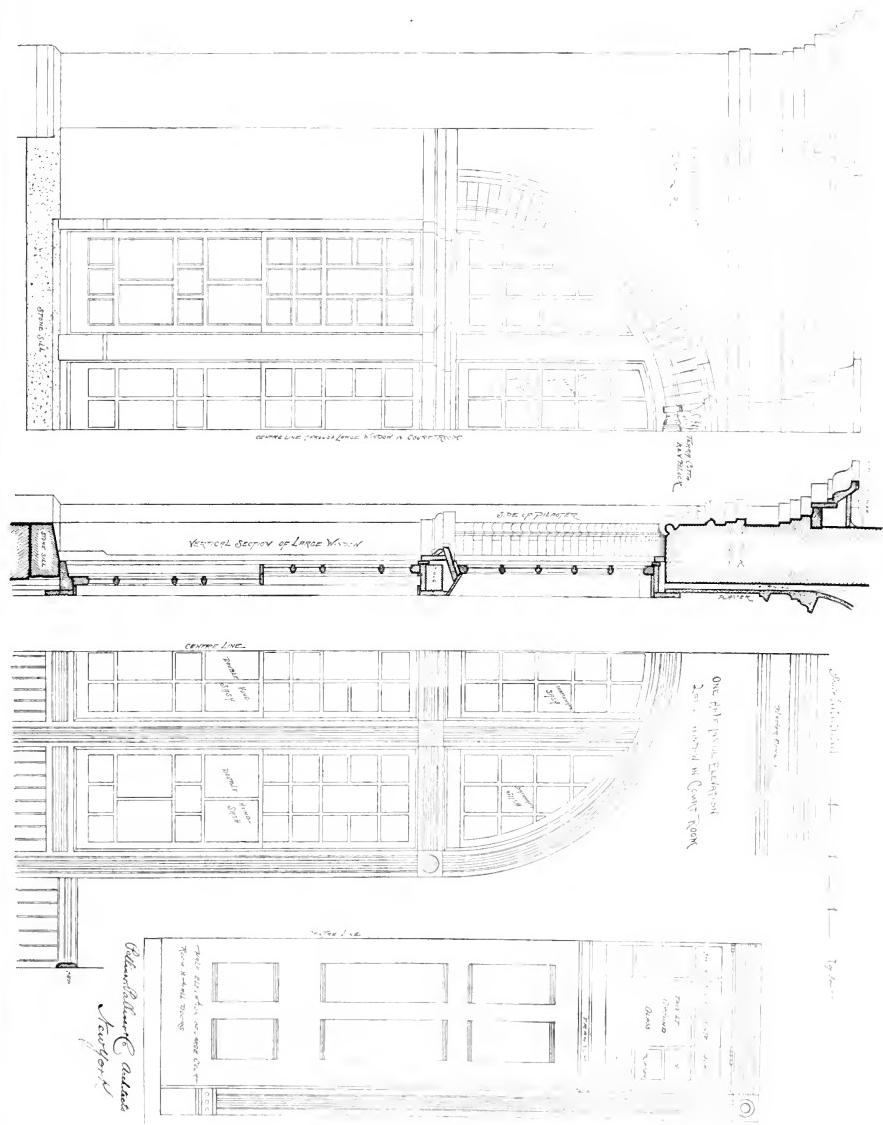


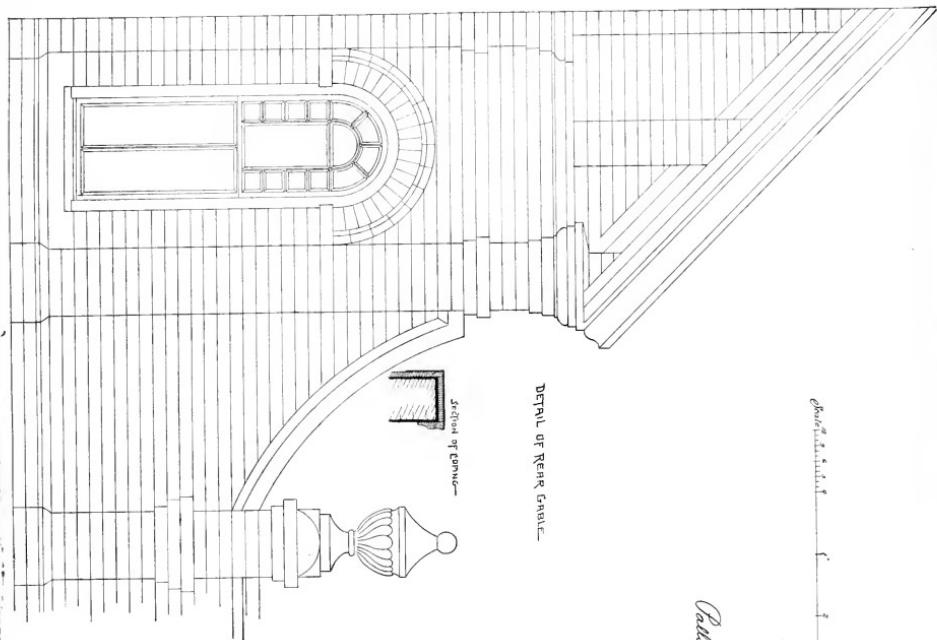
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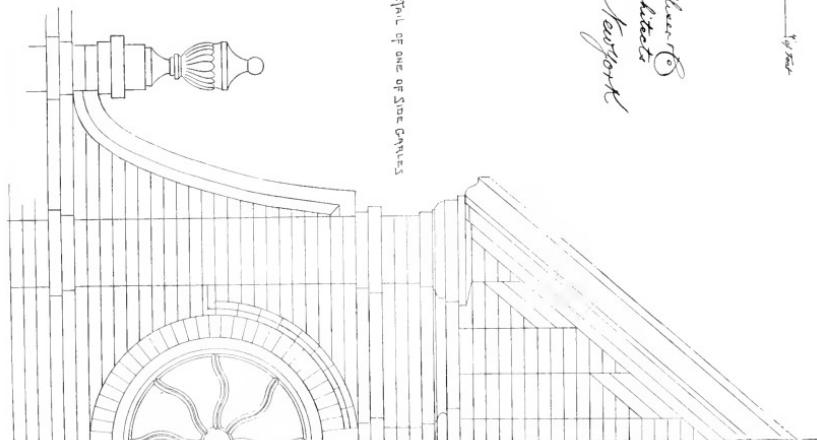




DETAIL OF REAR GABLE.

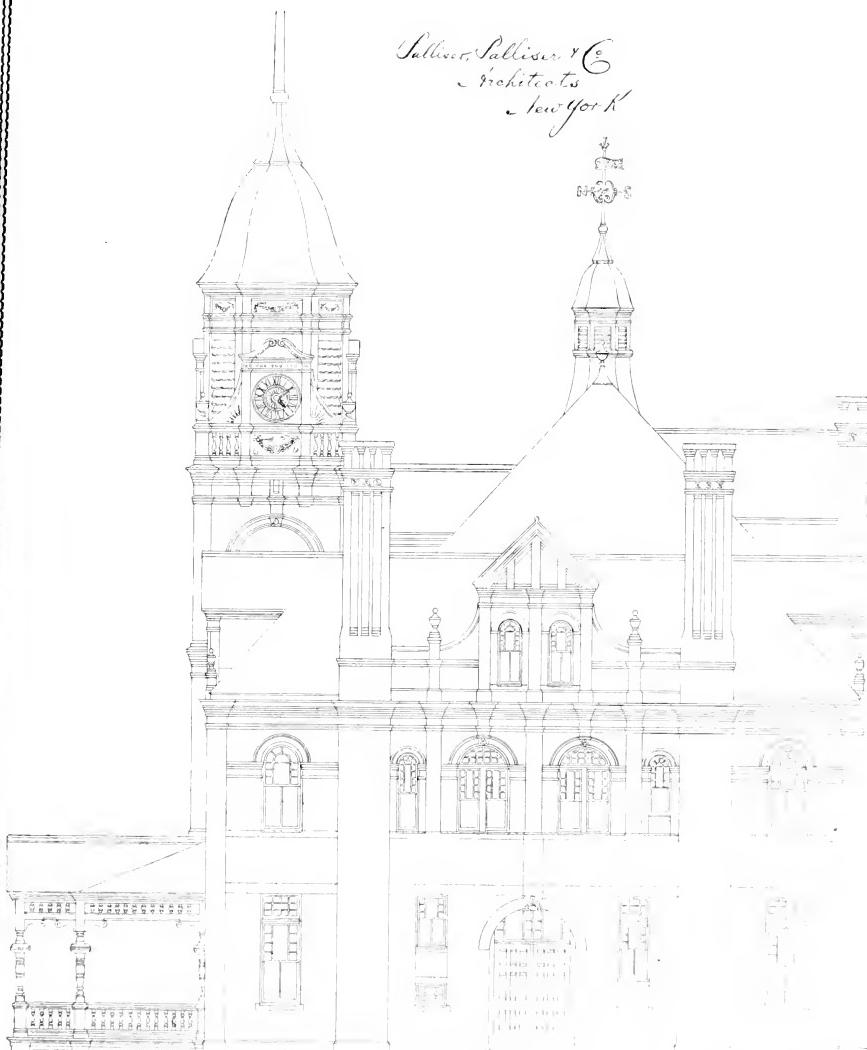
Drawing No. 6. Fig. 7. of Plate 23.

Palliser, Palliser & Co.  
Architects  
Newport



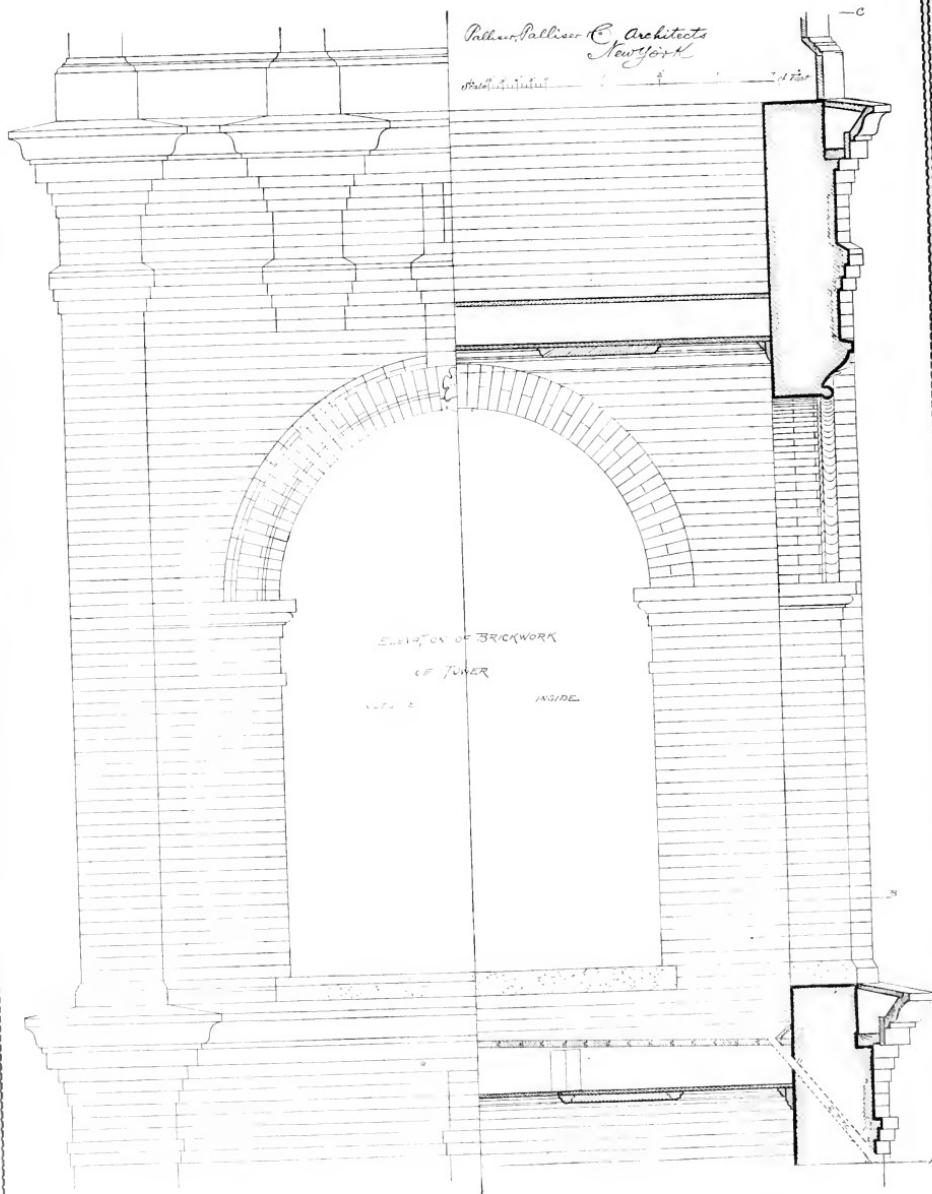
DETAIL OF ONE OF SIDE GABLES.

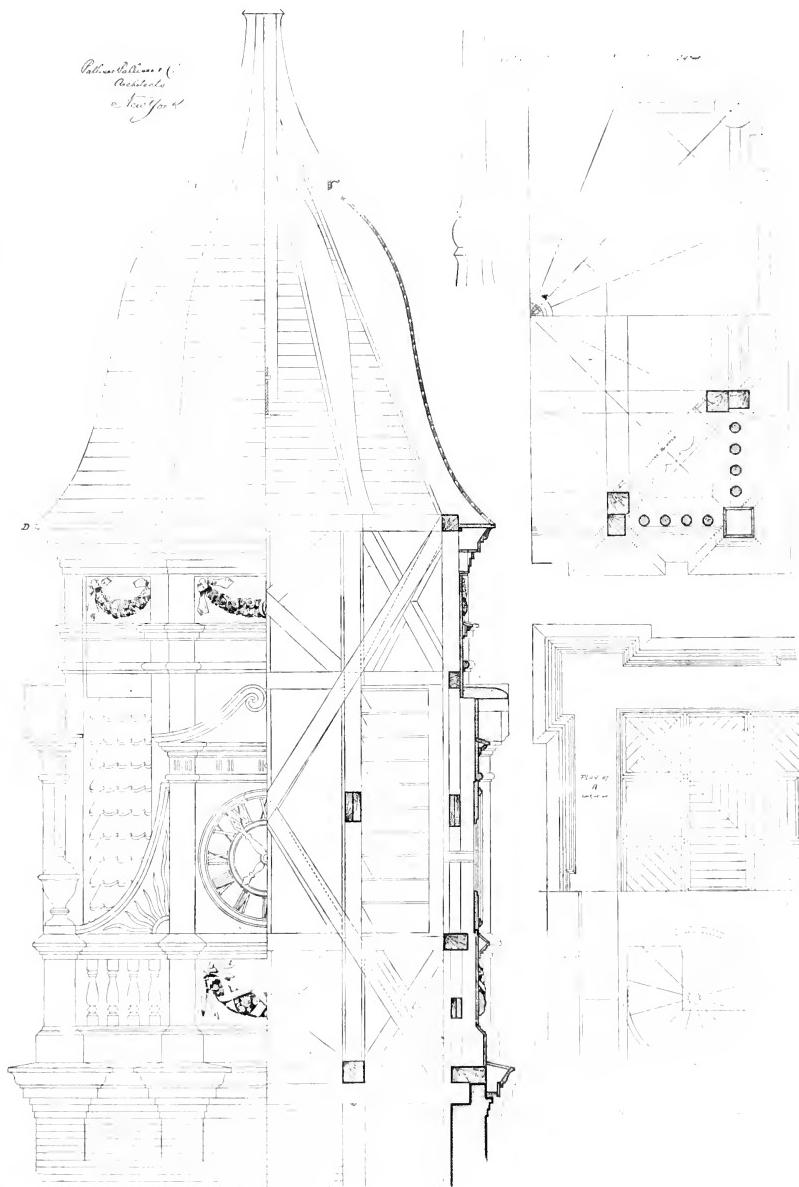
Sullivan, Palliser & Co  
Architects  
New York

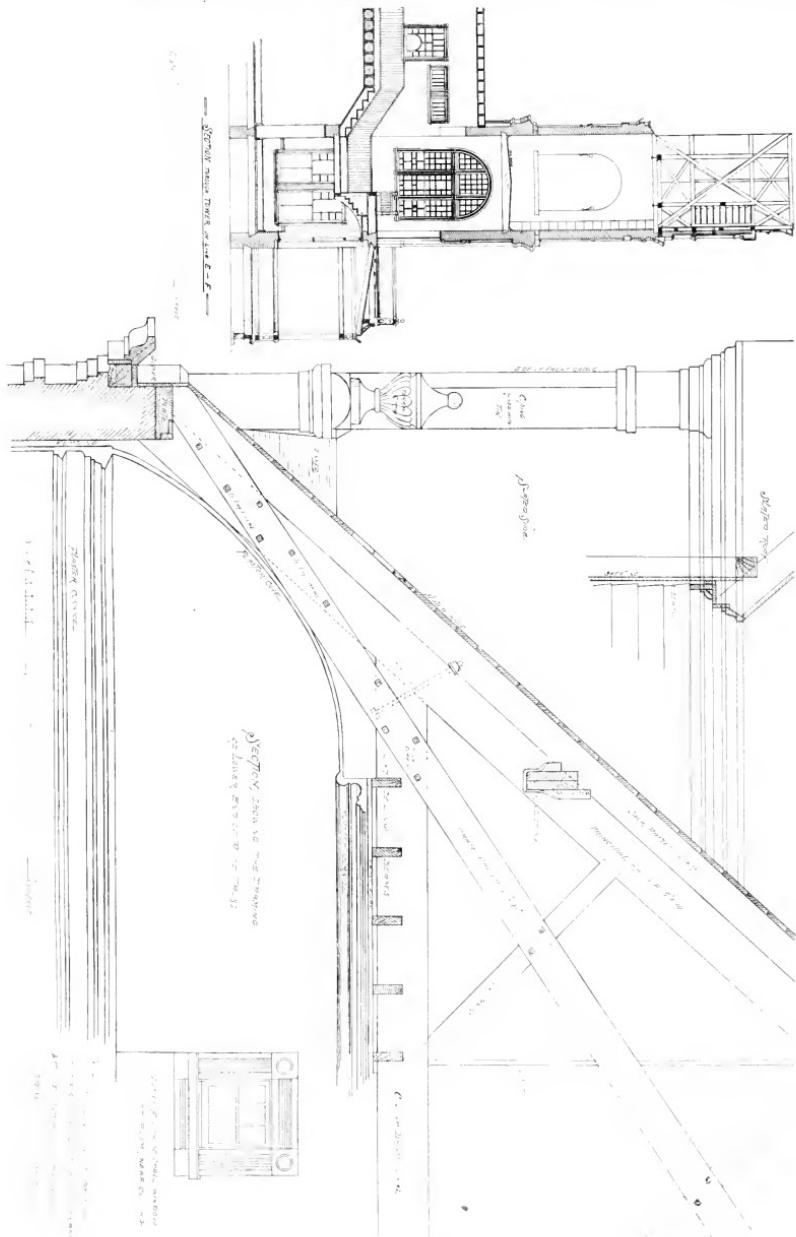


Scale 12' 0" to 1' 0" - 1' 0" = 1' 0"

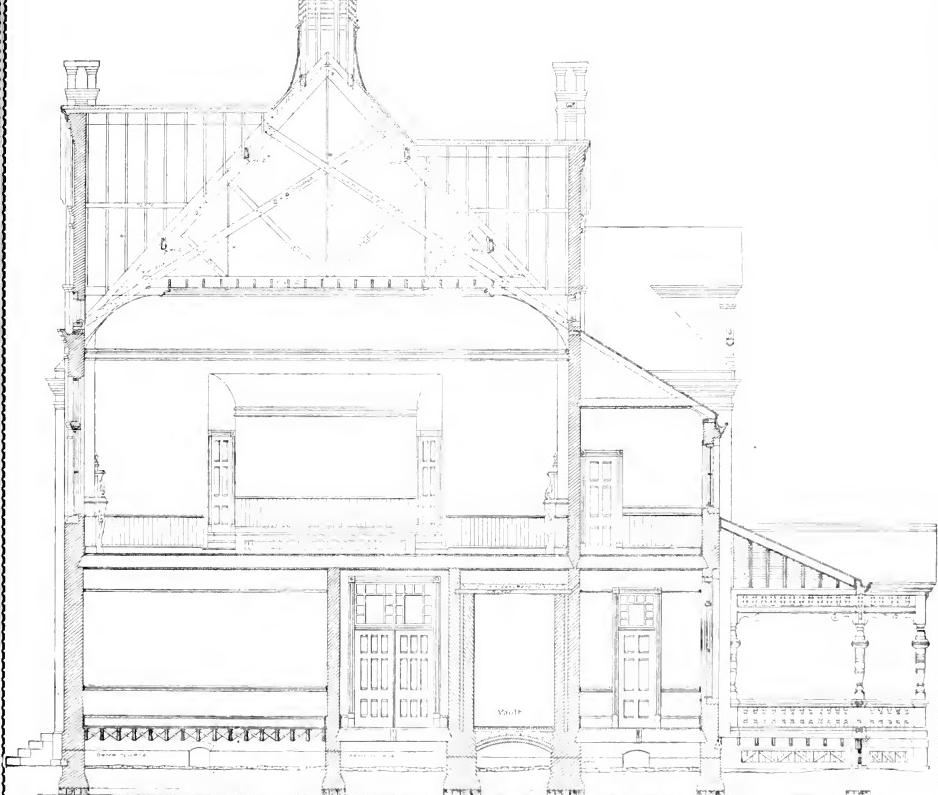
REAR ELEVATION



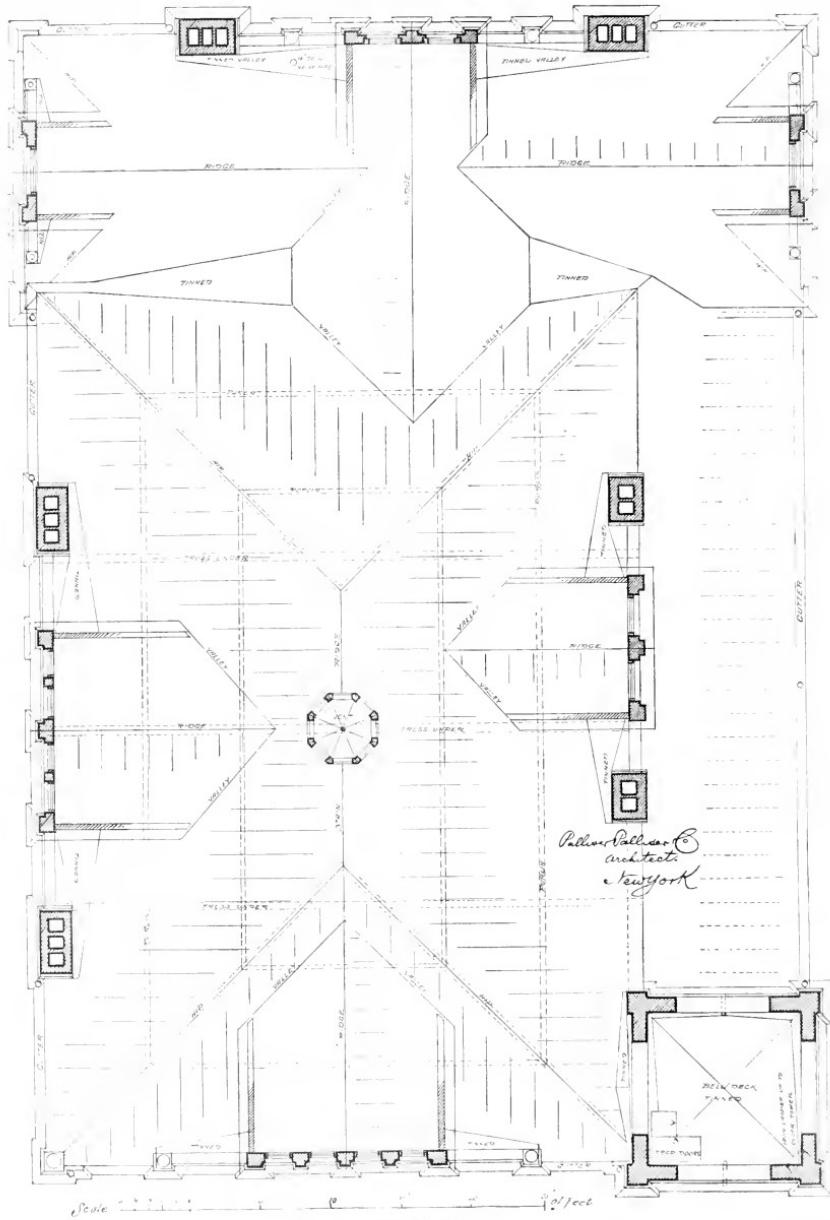




Palliser & Turner & Co.  
Architects  
New York

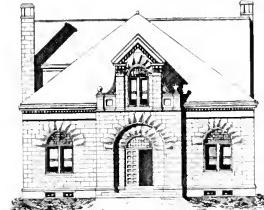


CROSS-SECTION

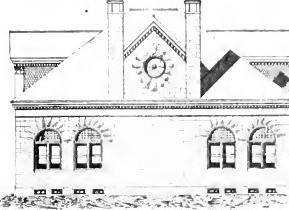


## ROOF PLAN

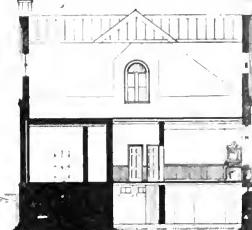
Copyright, 1917, by Palliser, Palliser & Co., Architects, New York



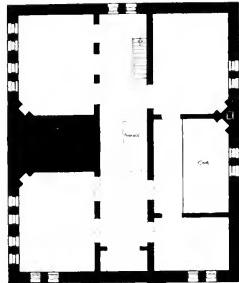
Front Elevation.



Front Elevation.



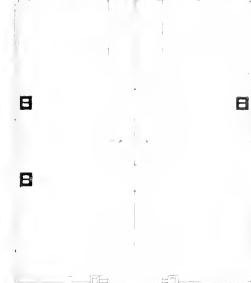
Interior View.



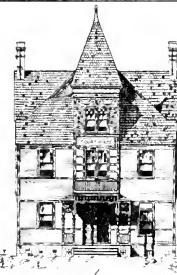
Bathrooms Plan.



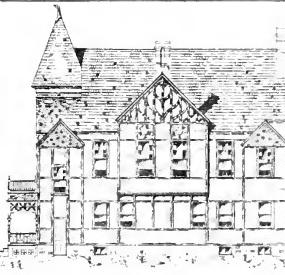
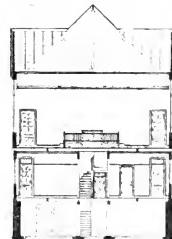
Court Room Plan.



Roof Plan.



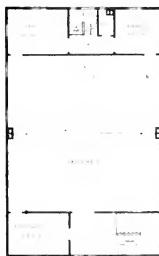
Front Elevation.

Oliver & Company, Architects,  
New York.

Side Elevation.



Long Room.



Large Room.

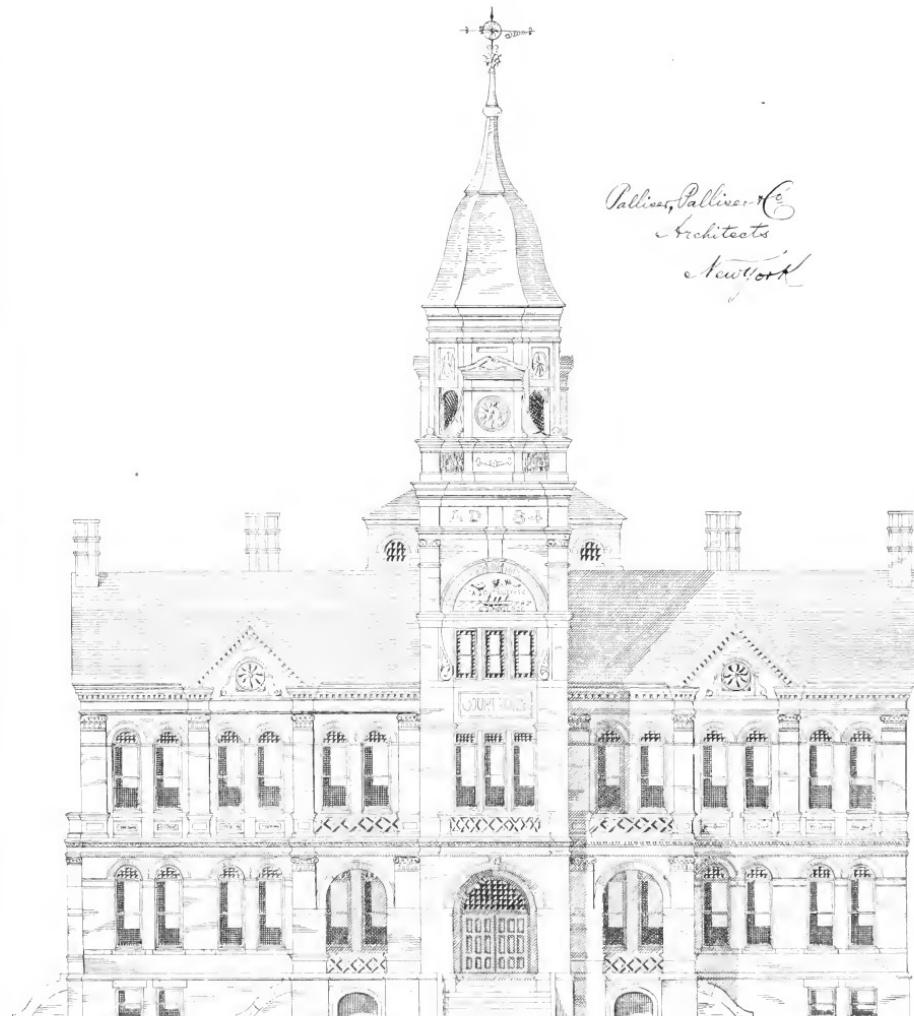


Small Room.



Palliser, Palliser & Co.  
Architects

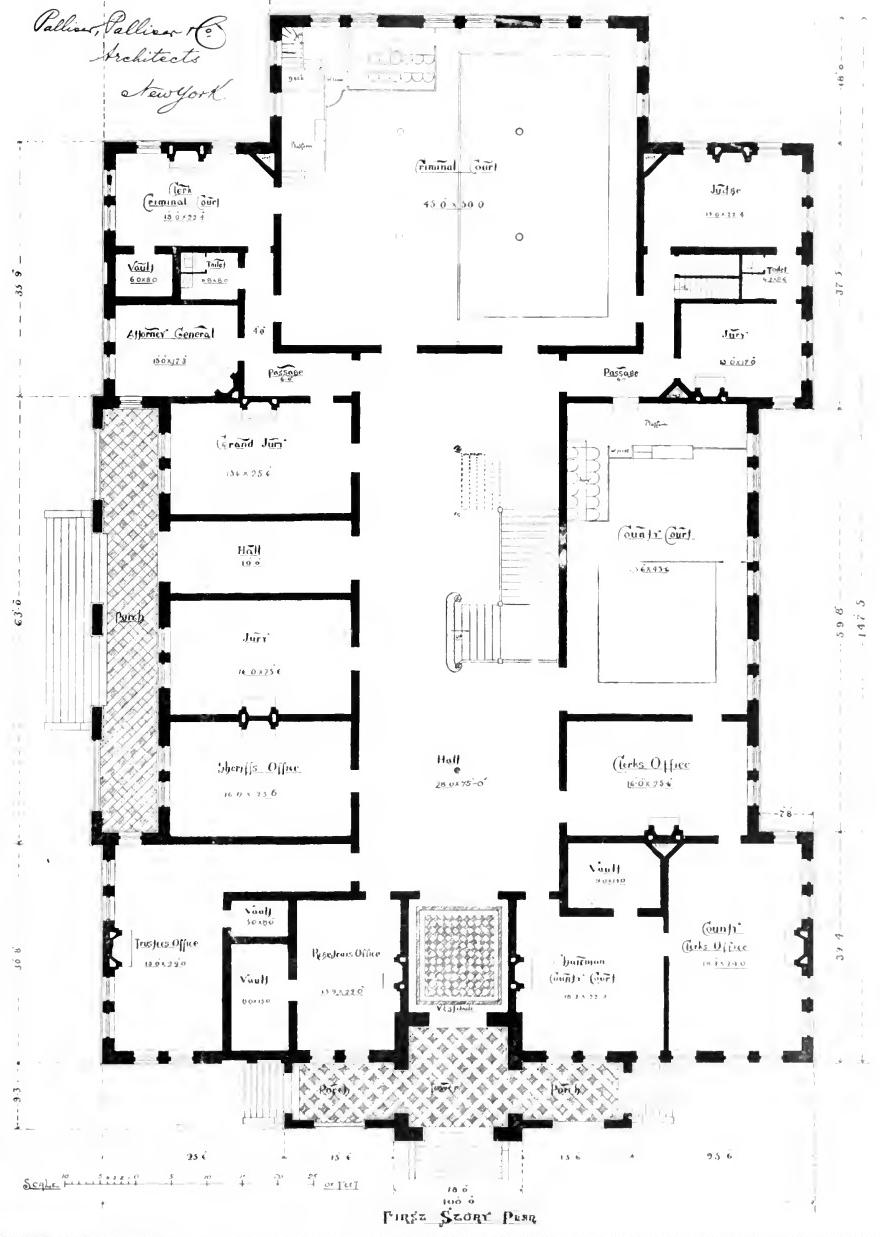
New York

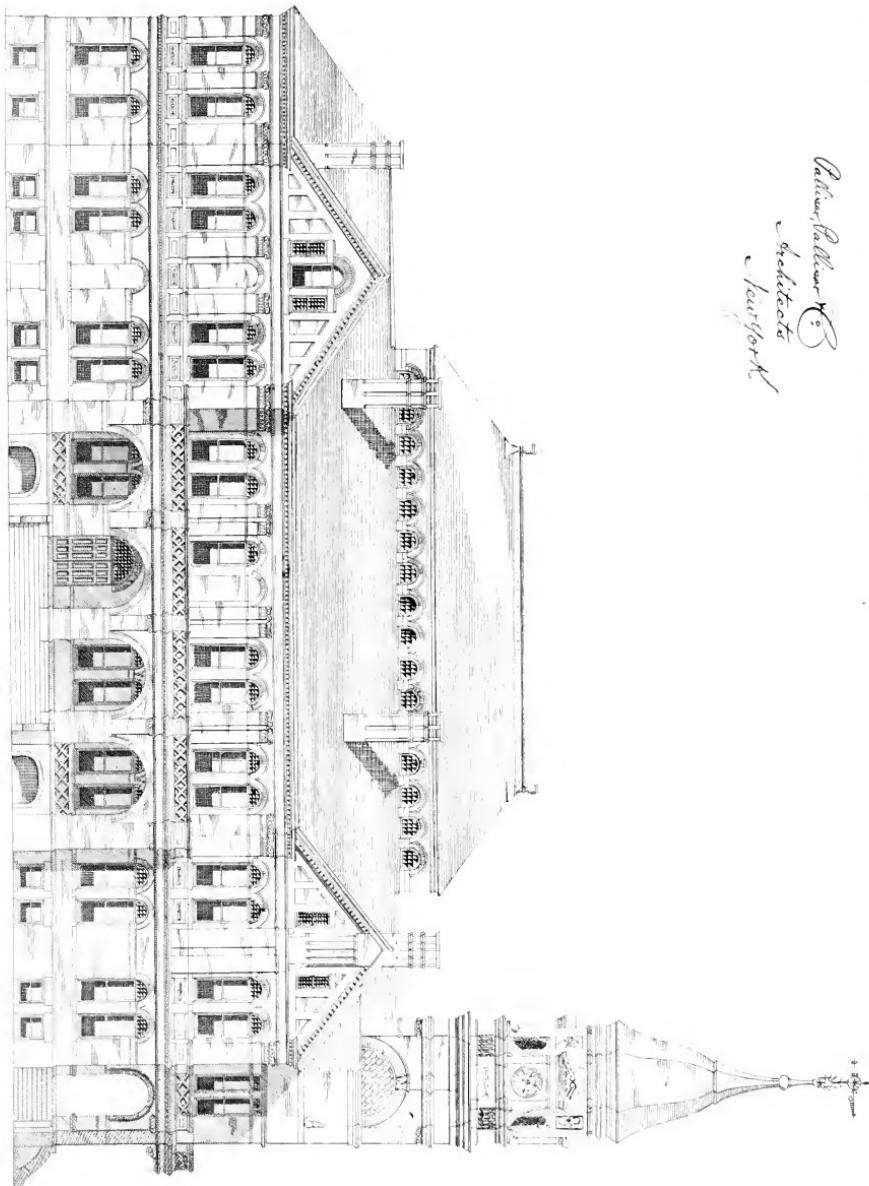


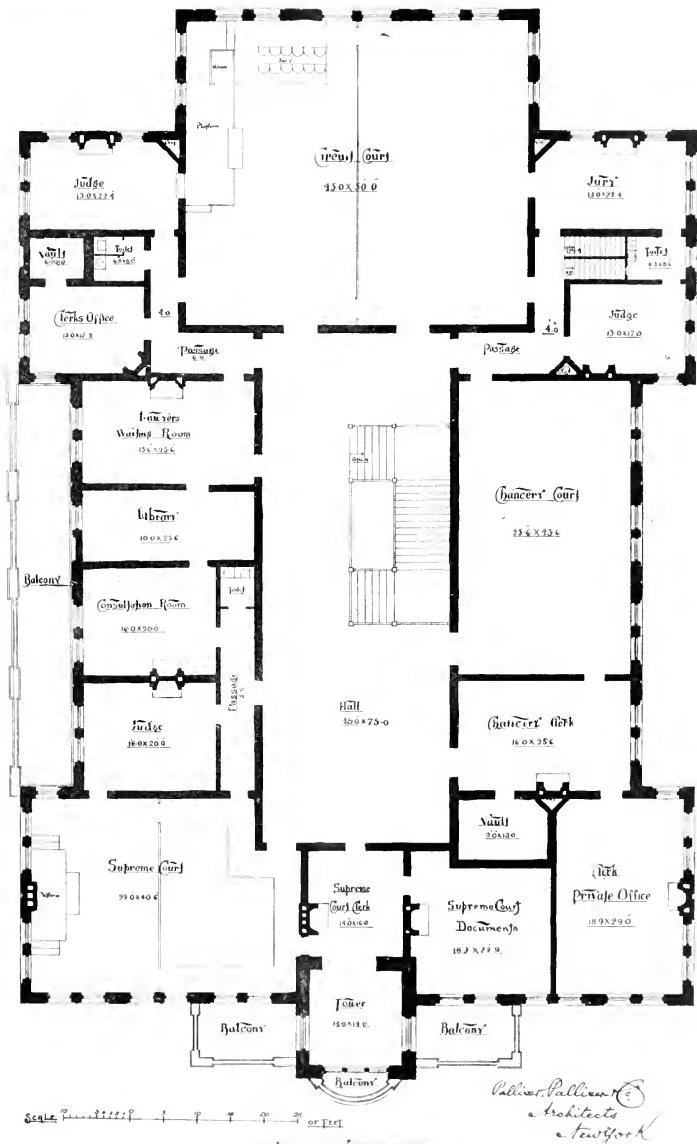
SCALE 10 5 12 0 5' 0' 4' 20' 25' OR FEET

FRONT ELEVATION

Palliser, Palliser & C  
Architects  
New York



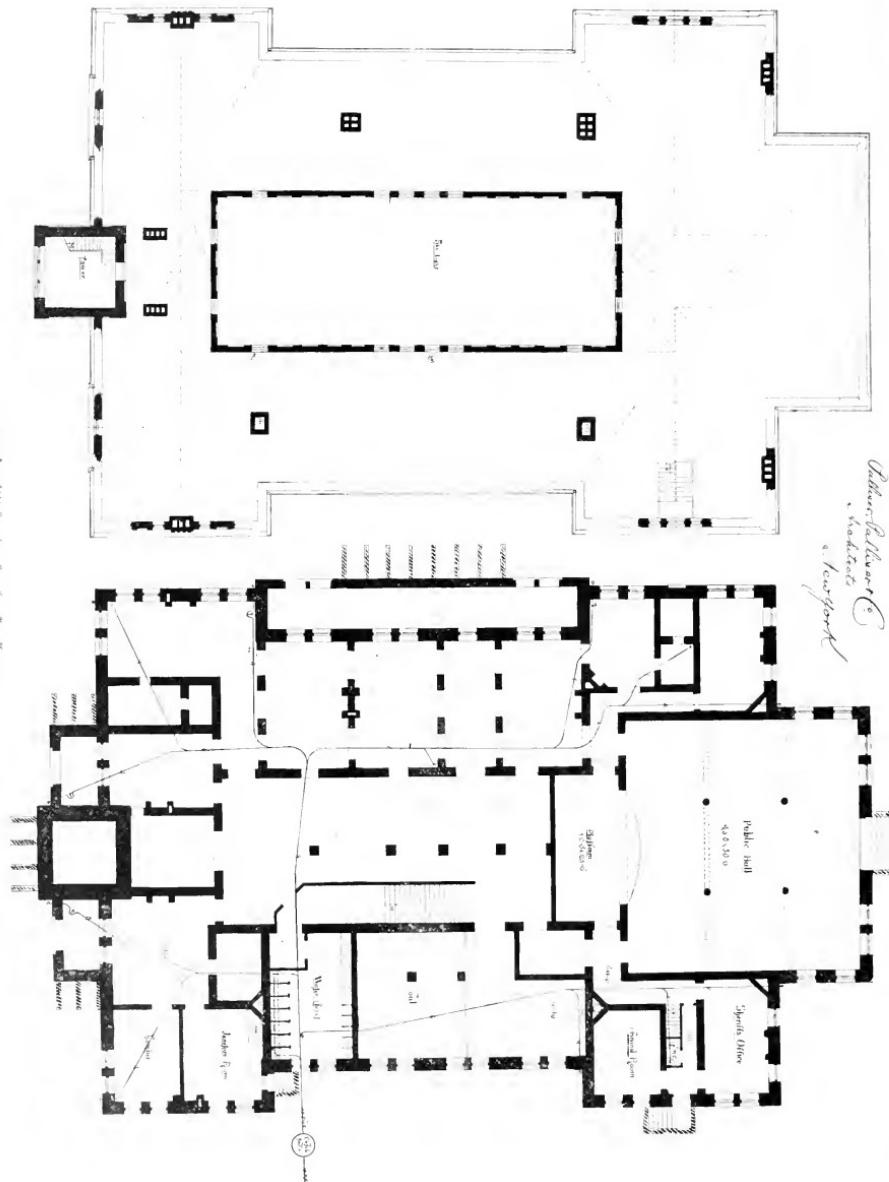


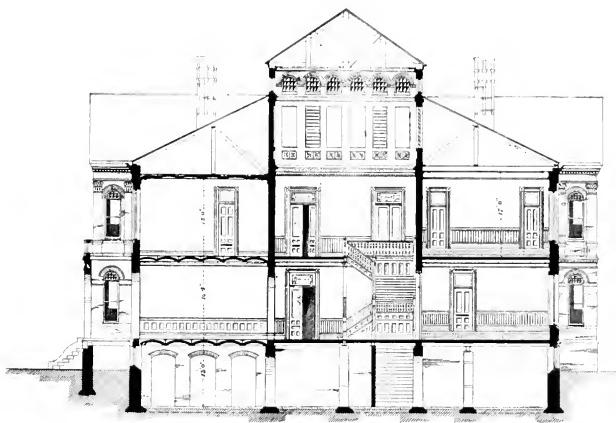


Scale, Four feet to the foot or feet

Second Story Plan

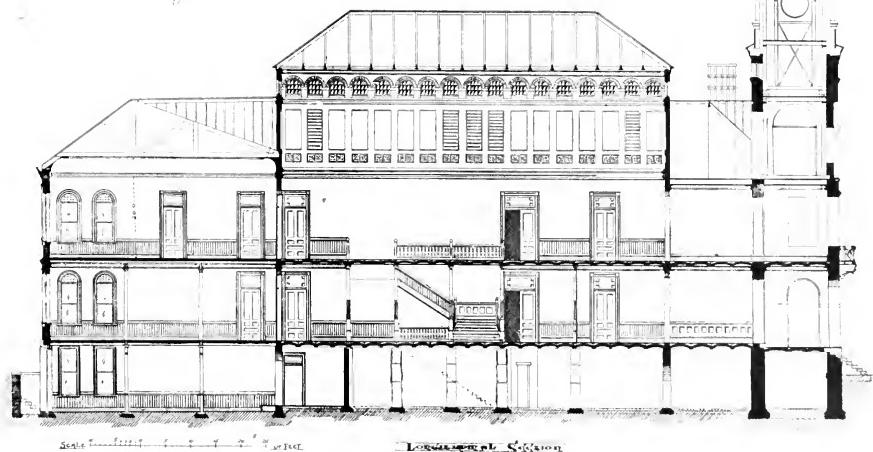
Palliser, Palliser & Co.  
Architects  
New York



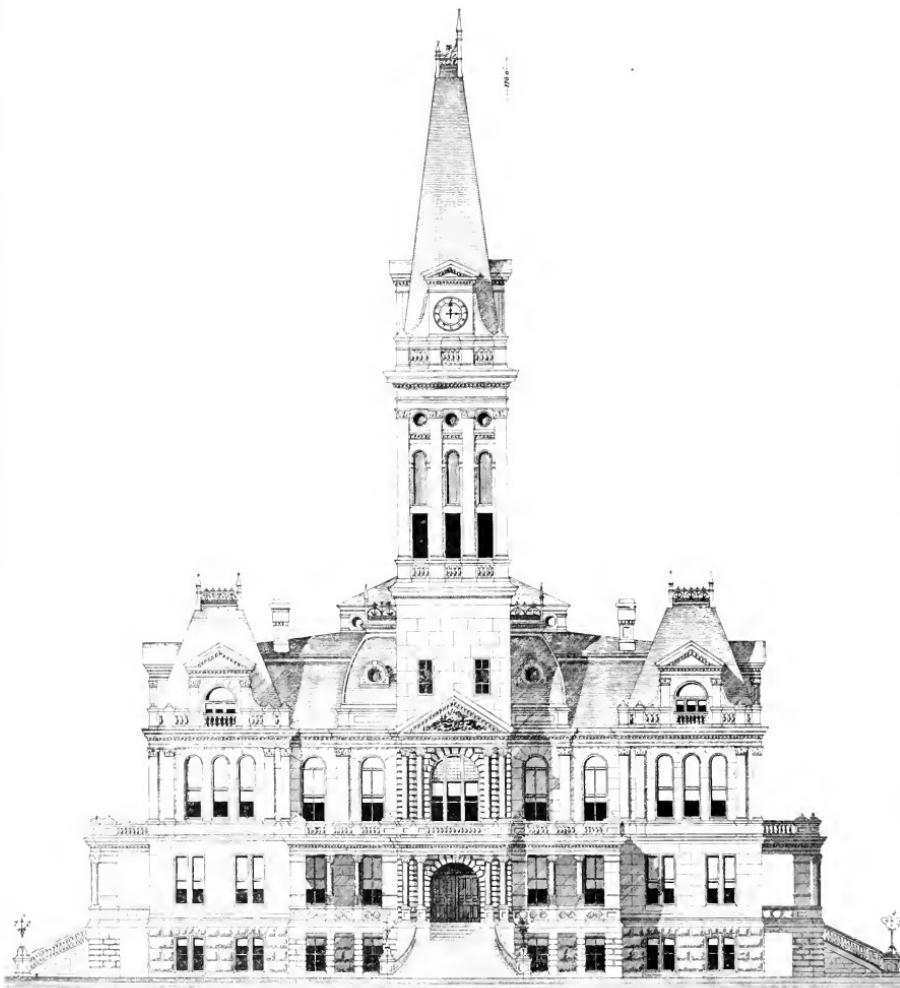


Cross Section.

Palliser, Palliser & C  
Architects  
New York



Longitudinal Section.

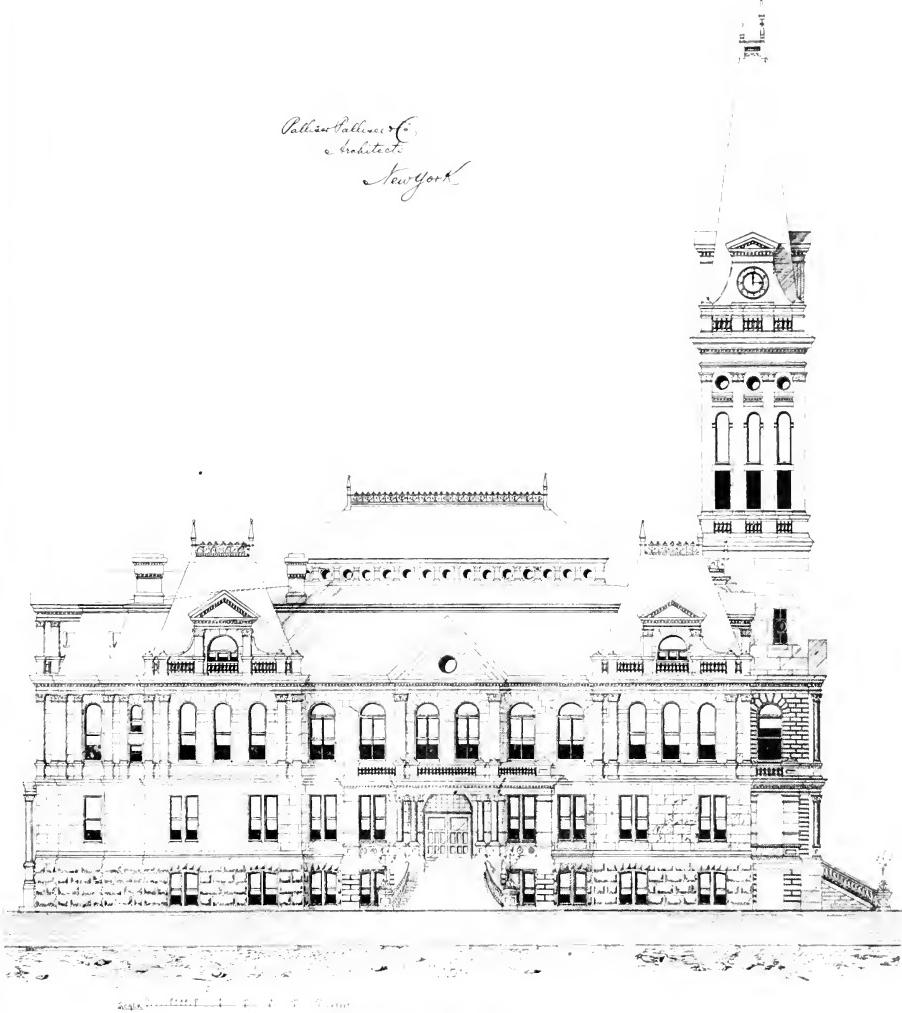


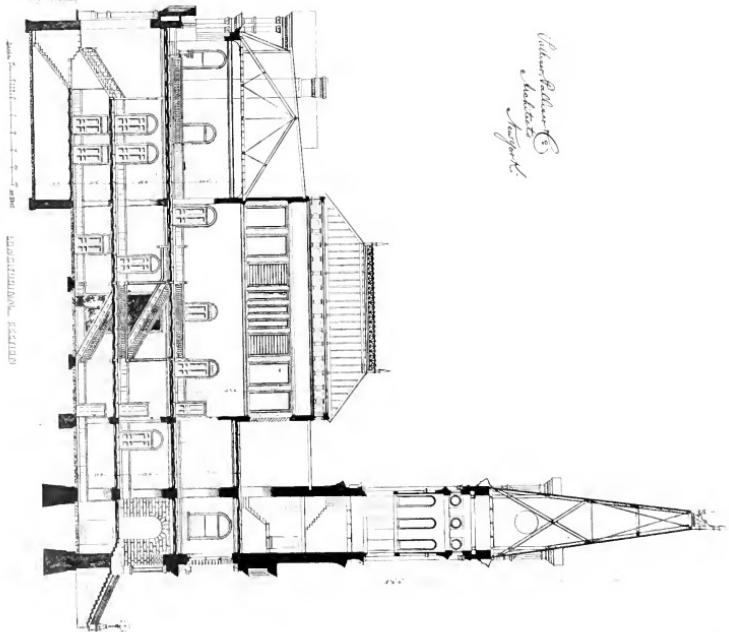
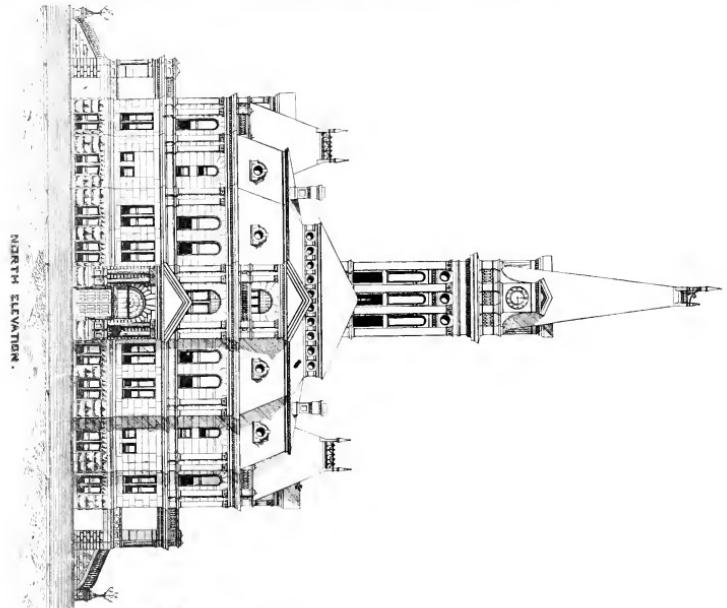
Scales 1/1000 1 2 3 4 5 feet

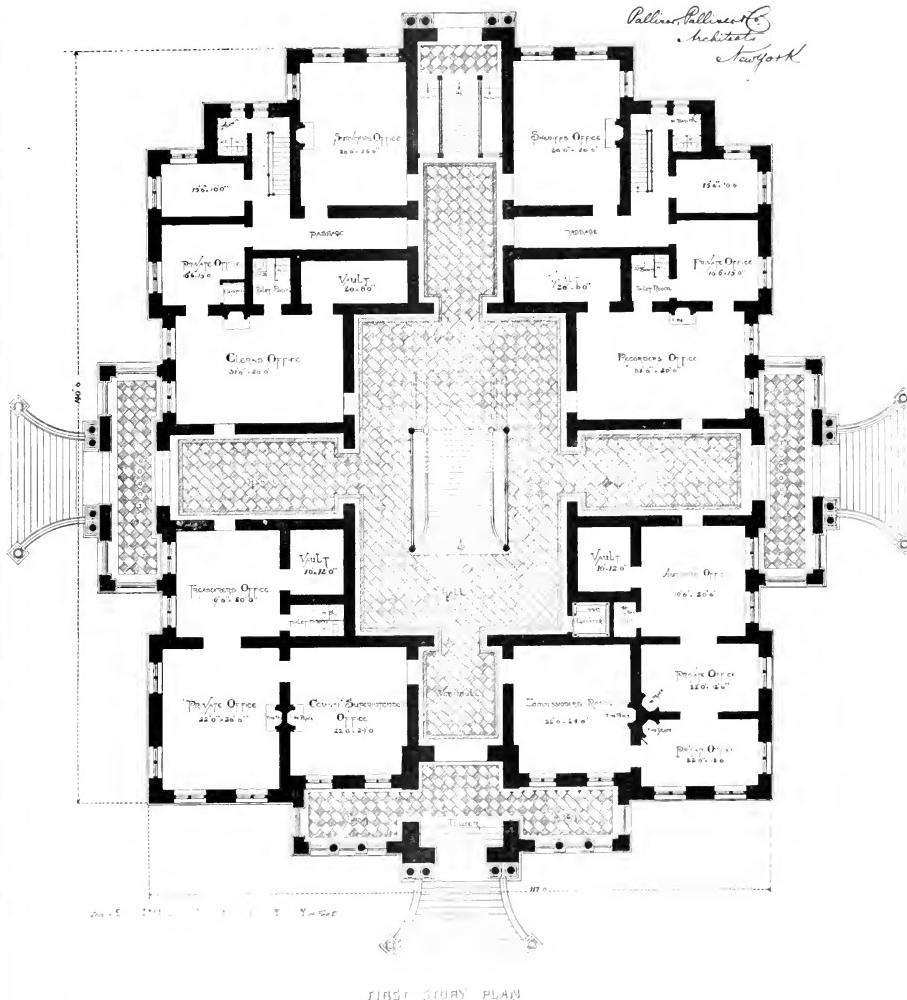
**SOUTH ELEVATION.**

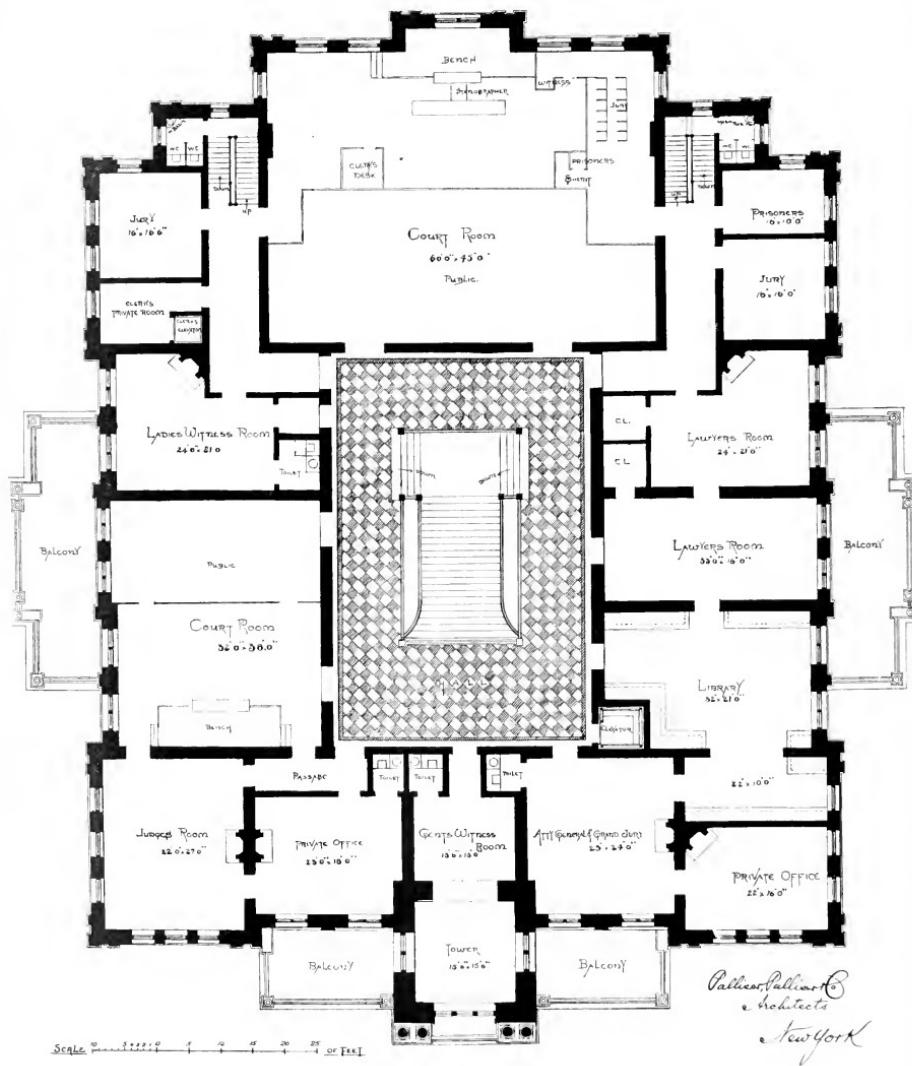
Palliser, Palliser & Co.  
Architects  
New York

Palliser, Pallister & Co.  
Architects  
New York

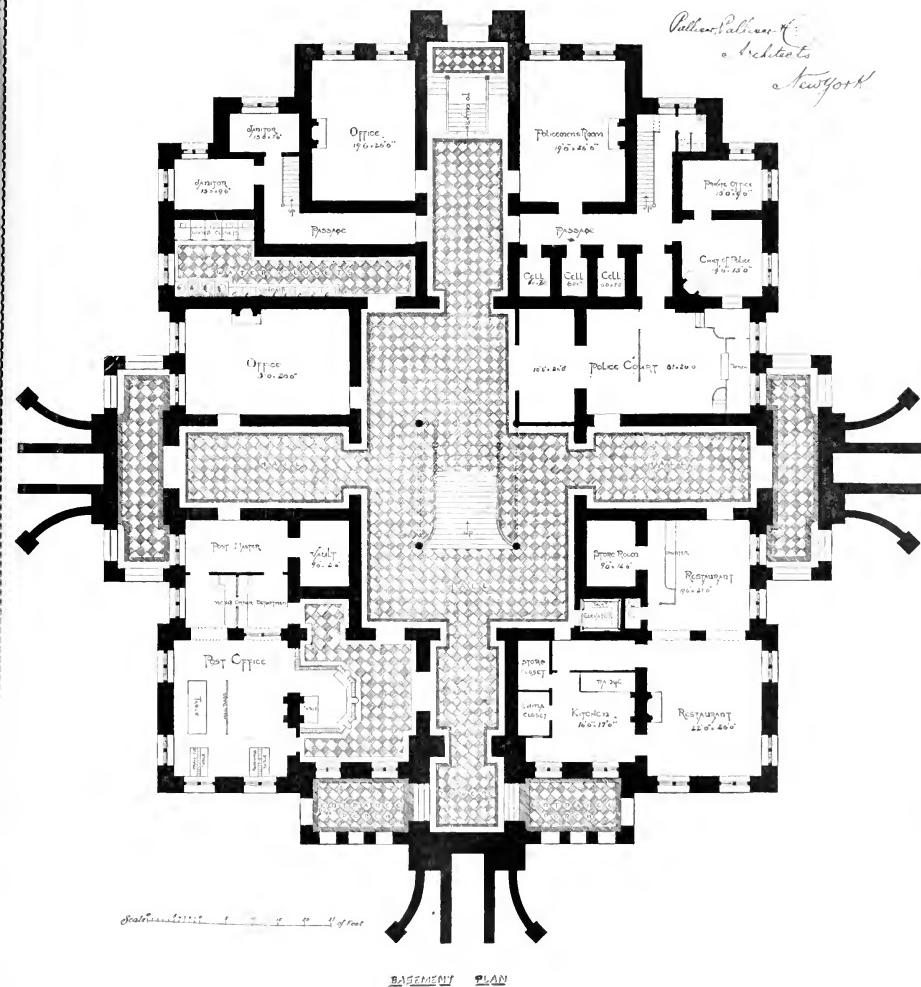


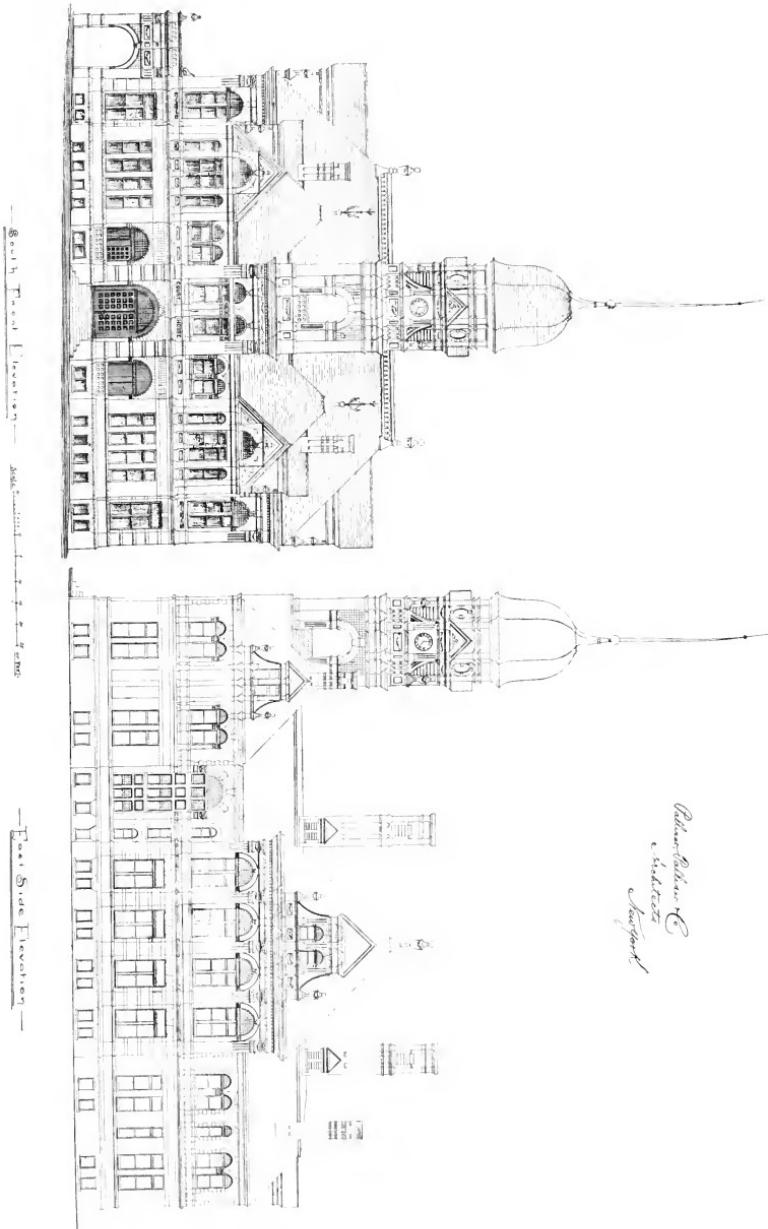


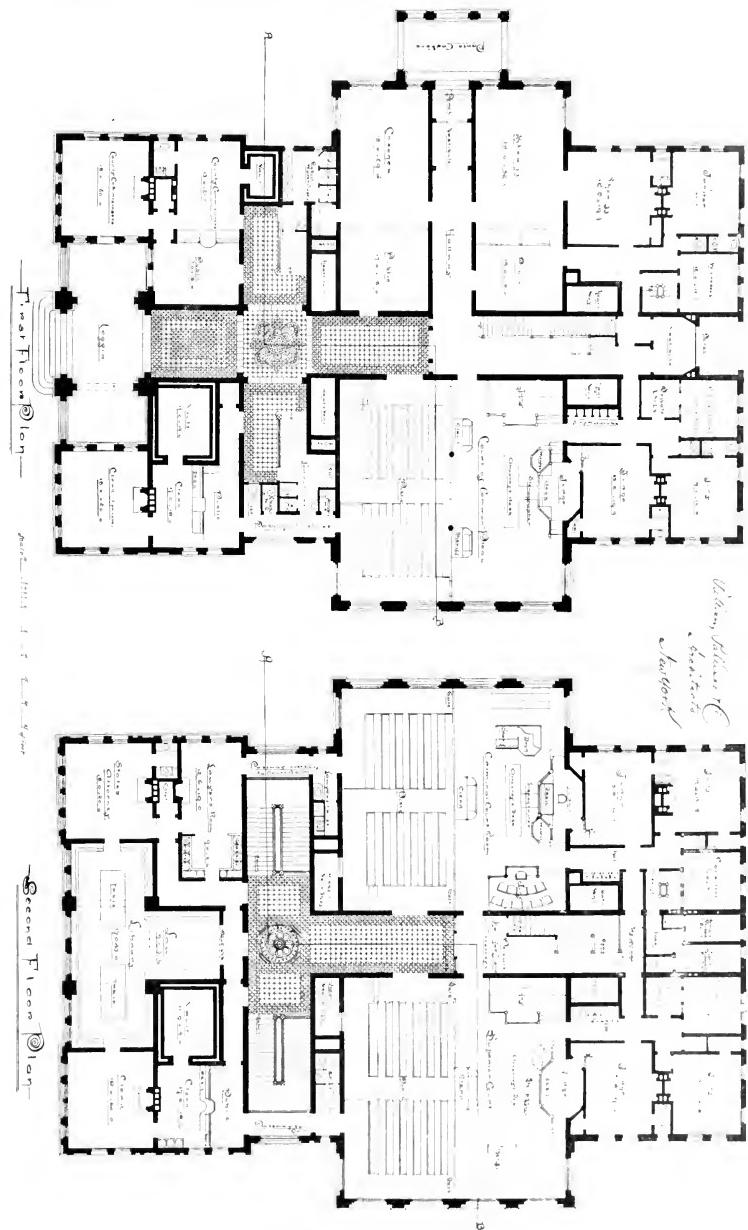


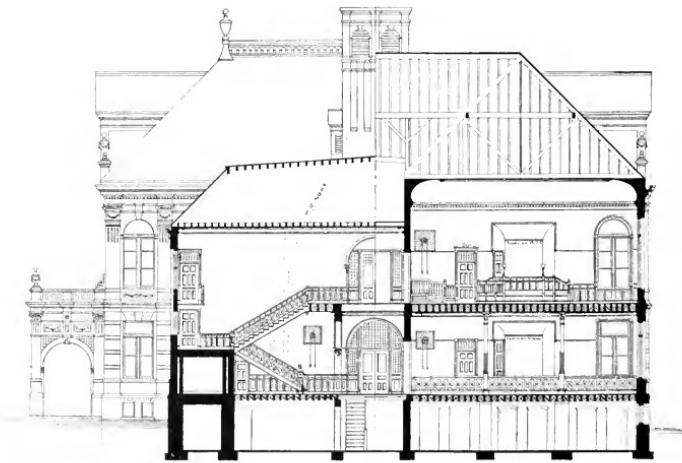
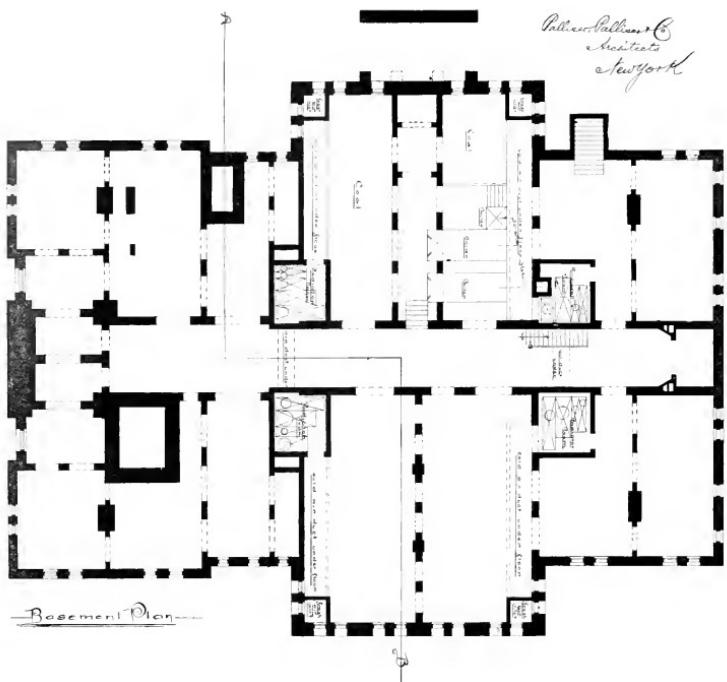


### SECOND STORY PLAN



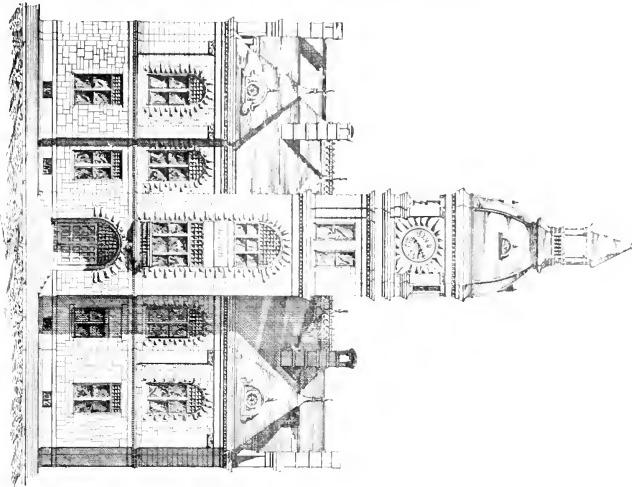




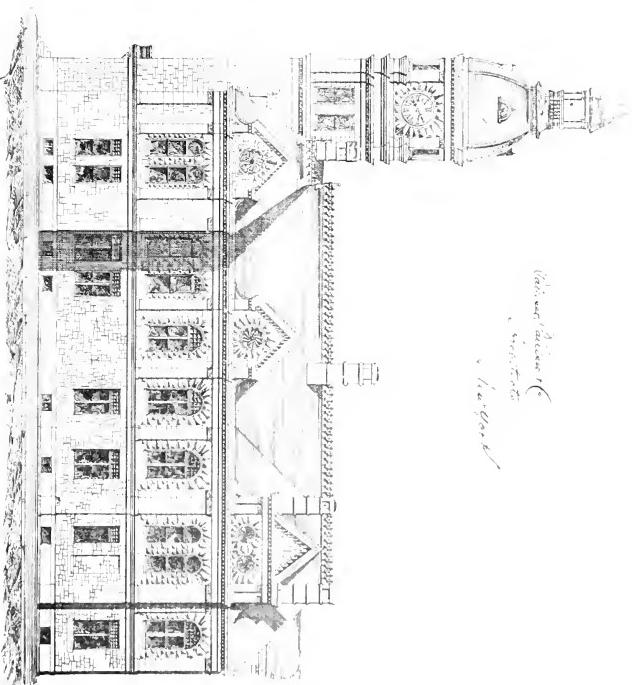
Cross Section at line A-B

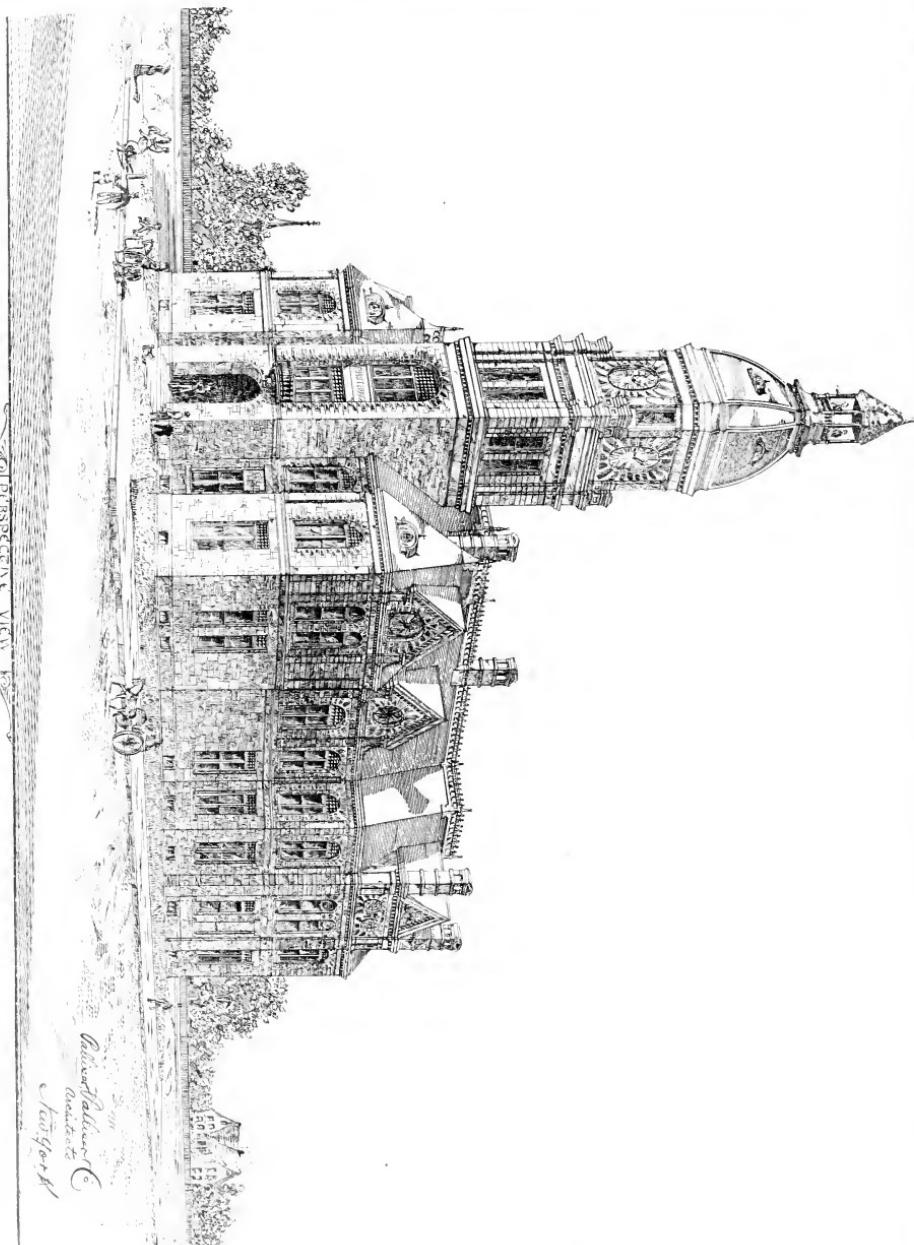
FRONT ELEVATION.

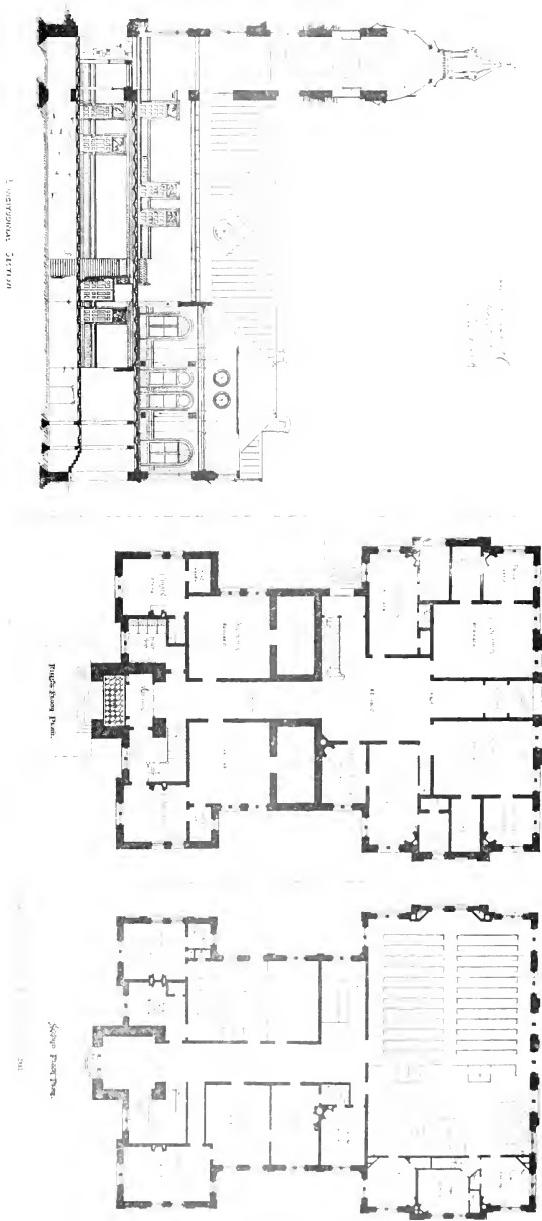
Scale Fourteen feet to the Inch.



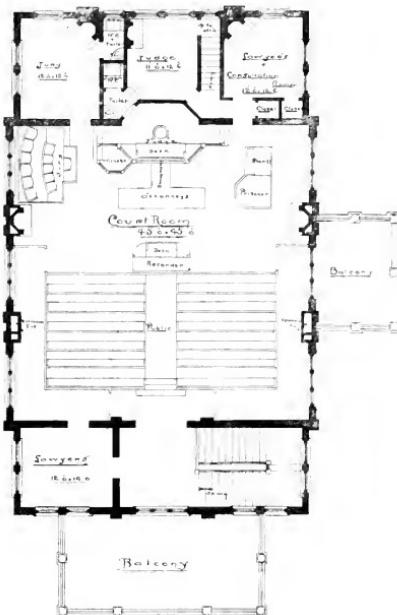
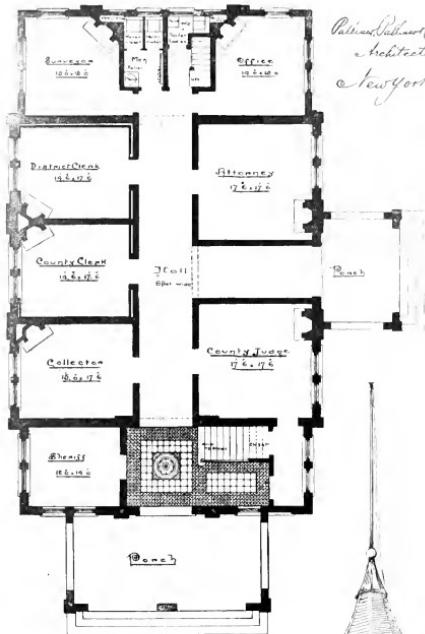
SIDE ELEVATION.







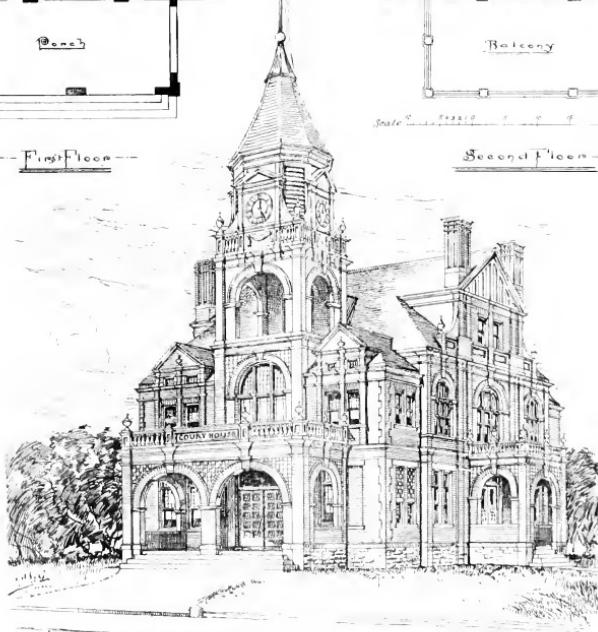
Palliser & Partners  
Architects  
New York



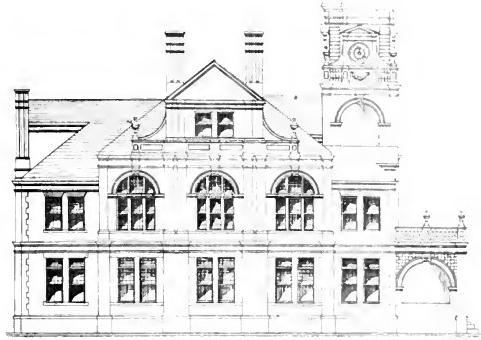
Scale 1" = 543210' 5' 10' 15' 20' 25' of front

— First Floor —

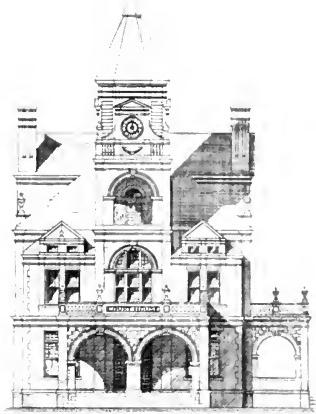
Second Floor -



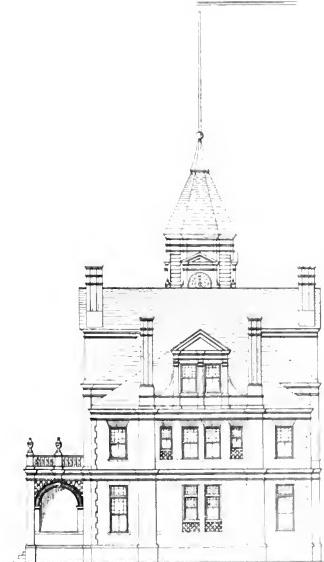
L. & J. C. H. & C.  
Architects  
Lewiston.



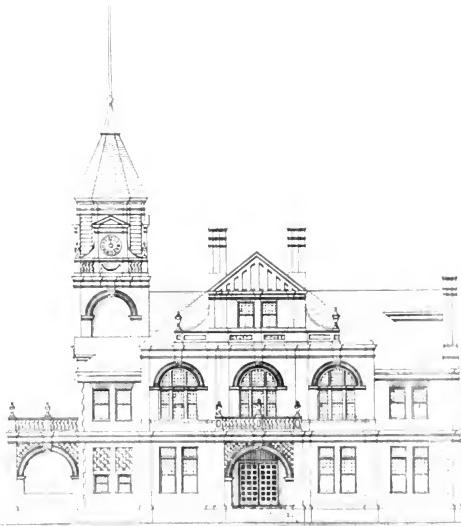
- Side Elevation -

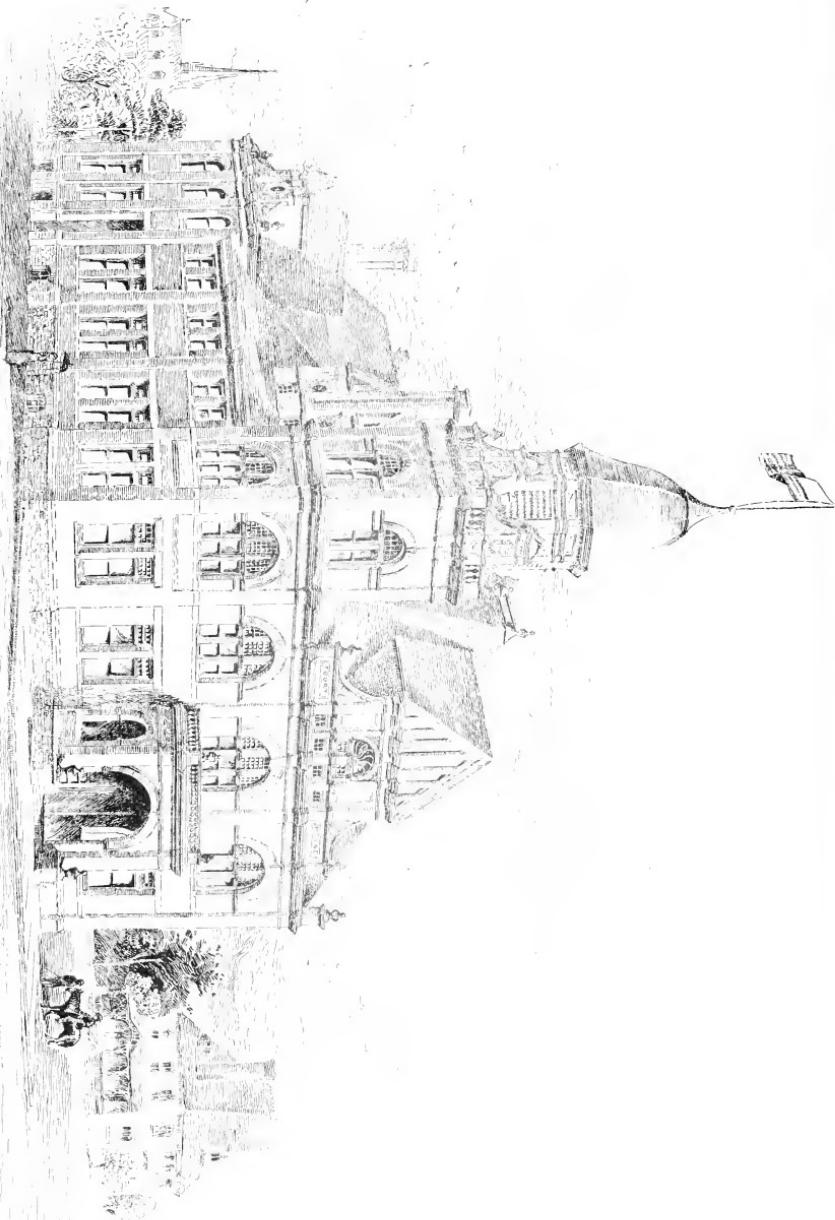


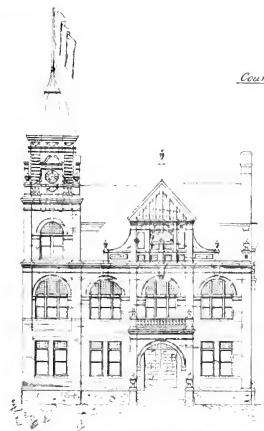
- Front Elevation -



- Rear Elevation -







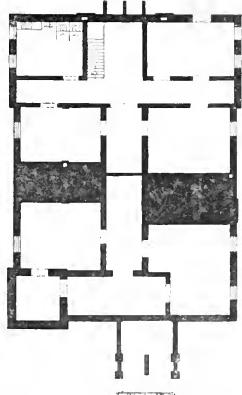
Court House.



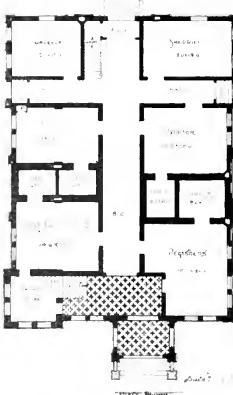
Alexander C.  
Architect  
of Newark N.J.

Front Elevation.

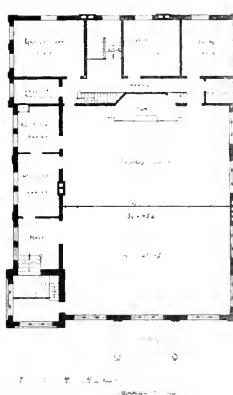
Side Elevation.



PLAN OF COURT HOUSE.



PLAN OF COURT HOUSE.



PLAN OF COURT HOUSE.



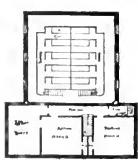
Front.

Side.

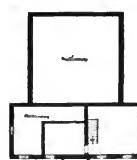
Back.



PLAN OF JAIL.

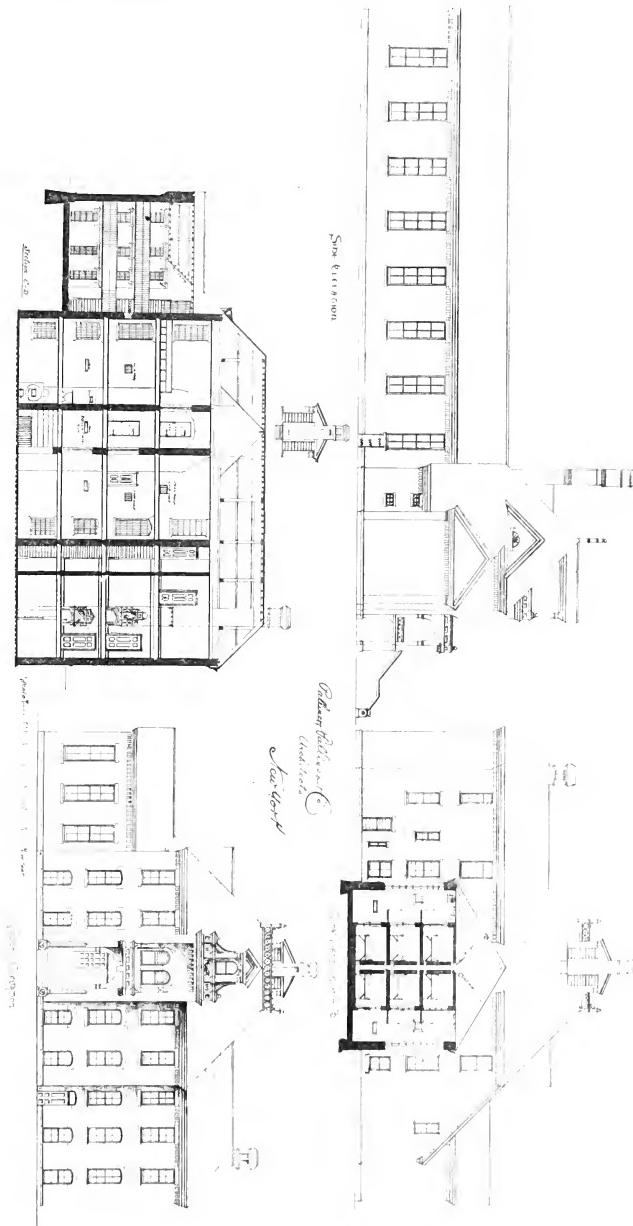


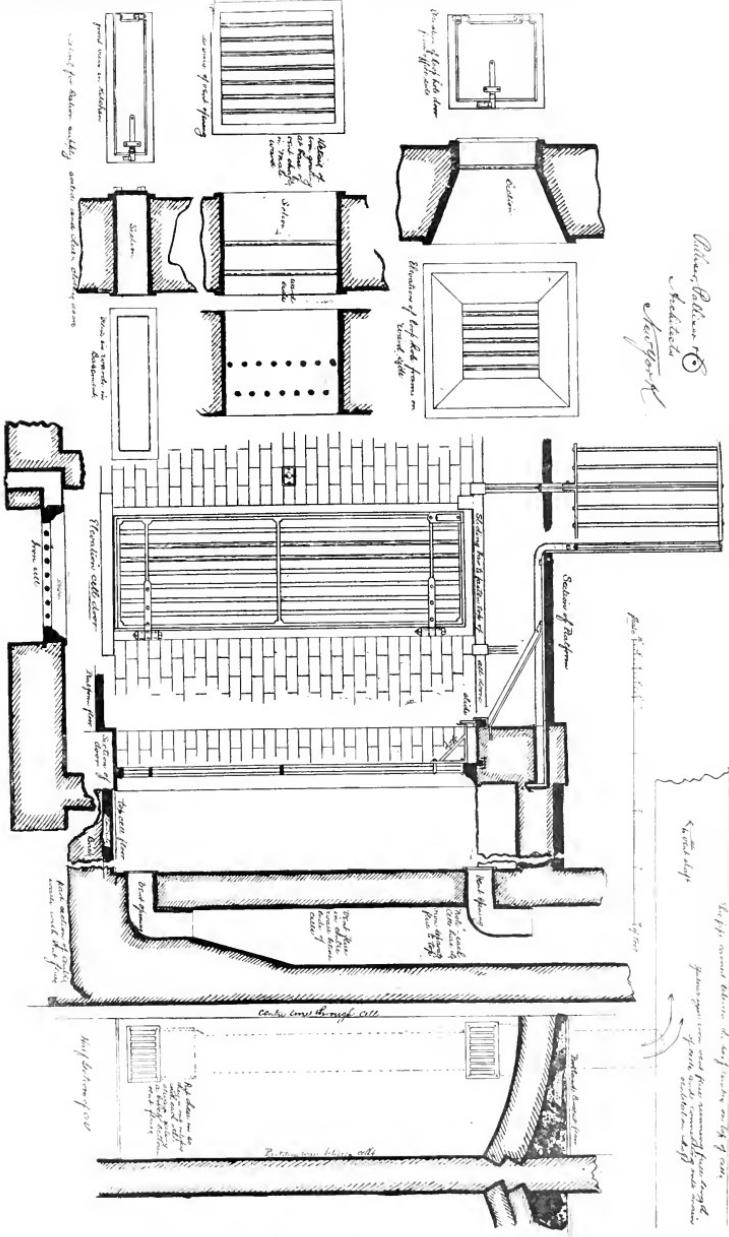
PLAN OF JAIL.

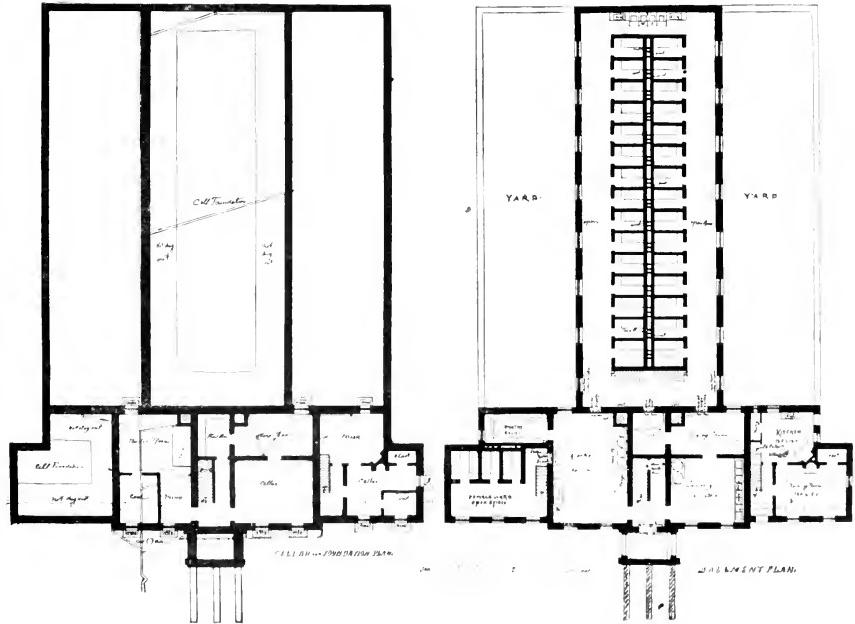
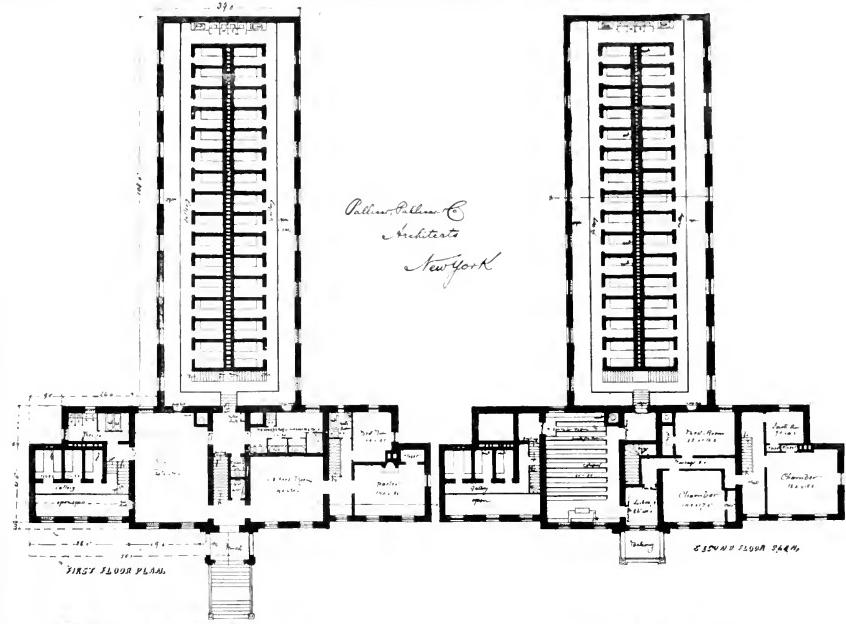


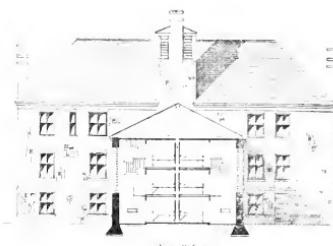
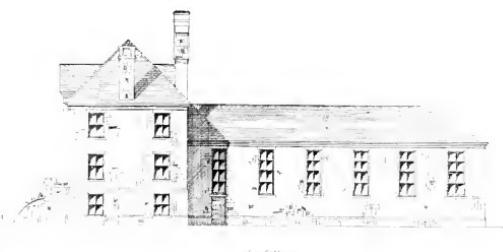
PLAN OF JAIL.





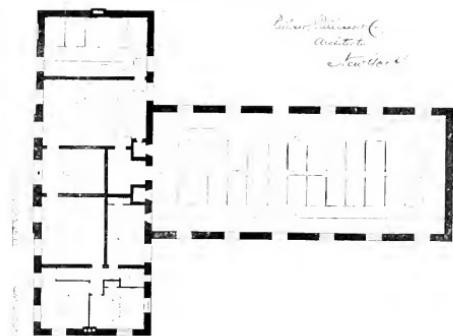




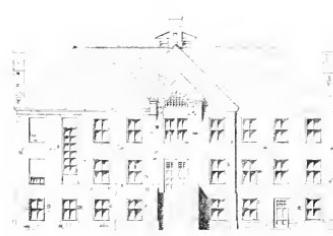


Elevation.

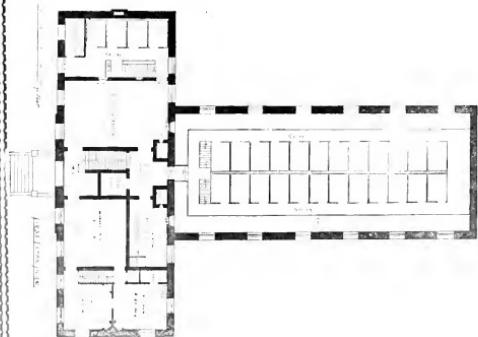
*Albert G. Palmer & Co.  
Architects  
New York*



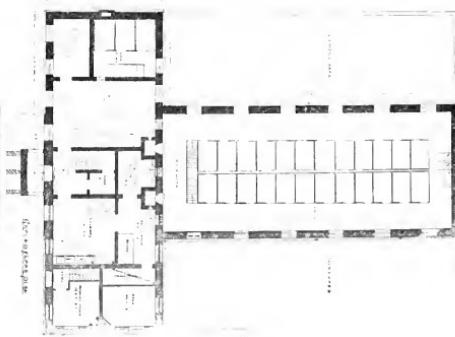
Ground Floor.



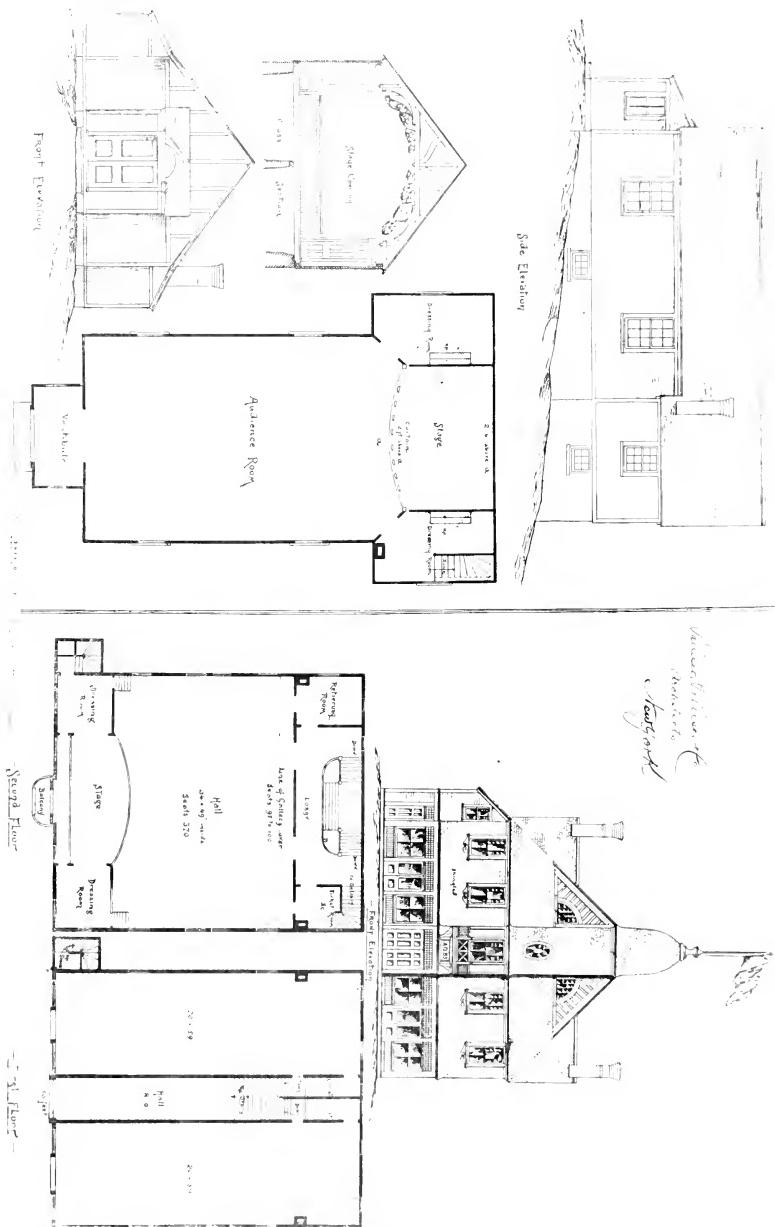
Plan of the Ground Floor.



Second Floor.



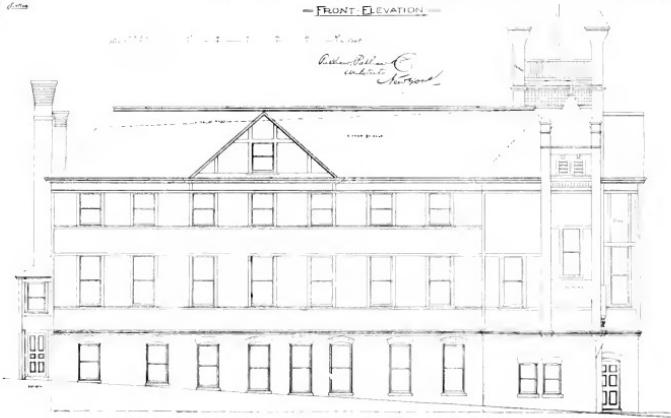
Second Floor.



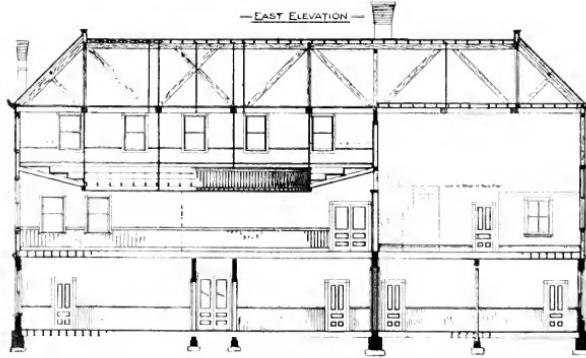


FRONT ELEVATION

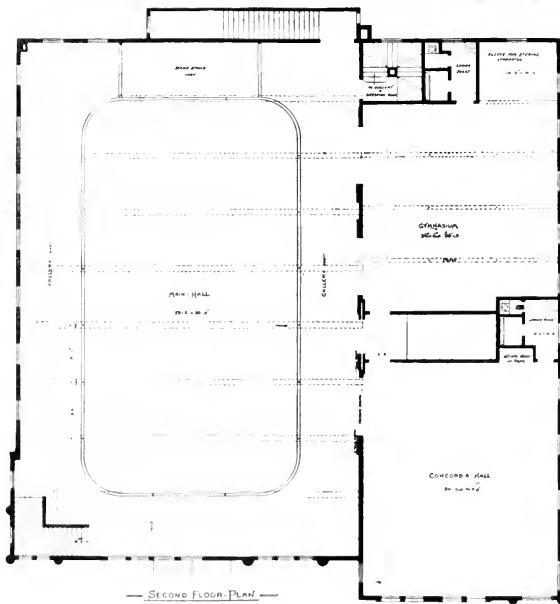
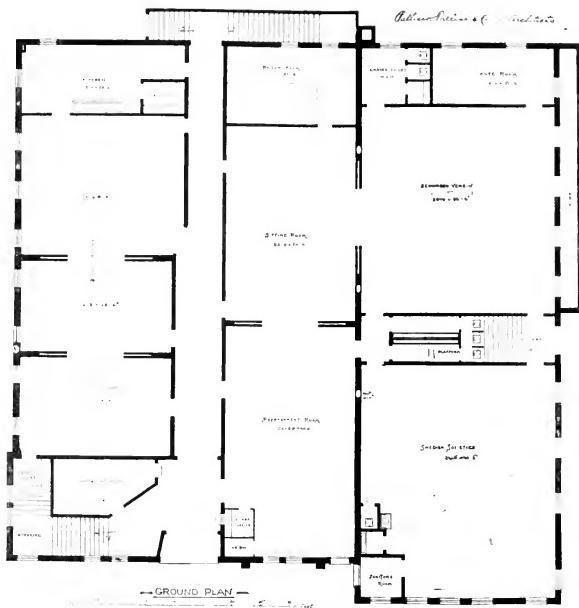
Palmer, Palmer & Co.  
Architects, Hartford.

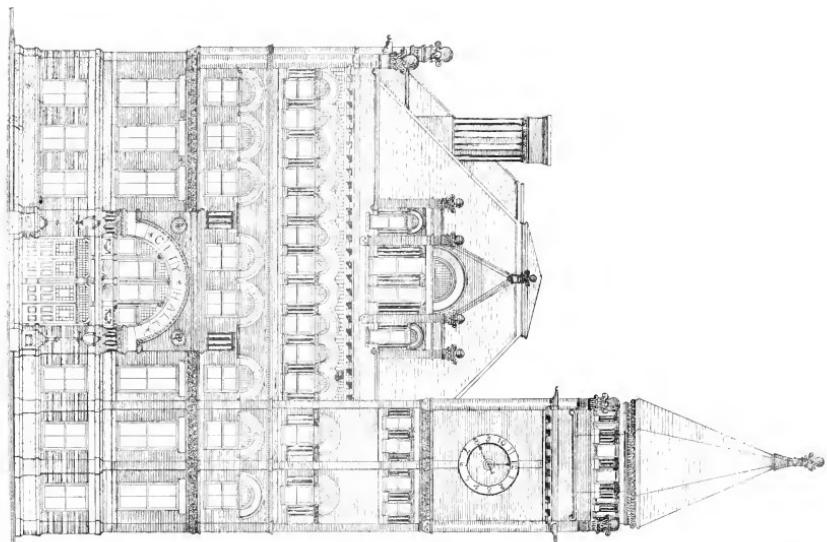


EAST ELEVATION



TRANSVERSE SECTION





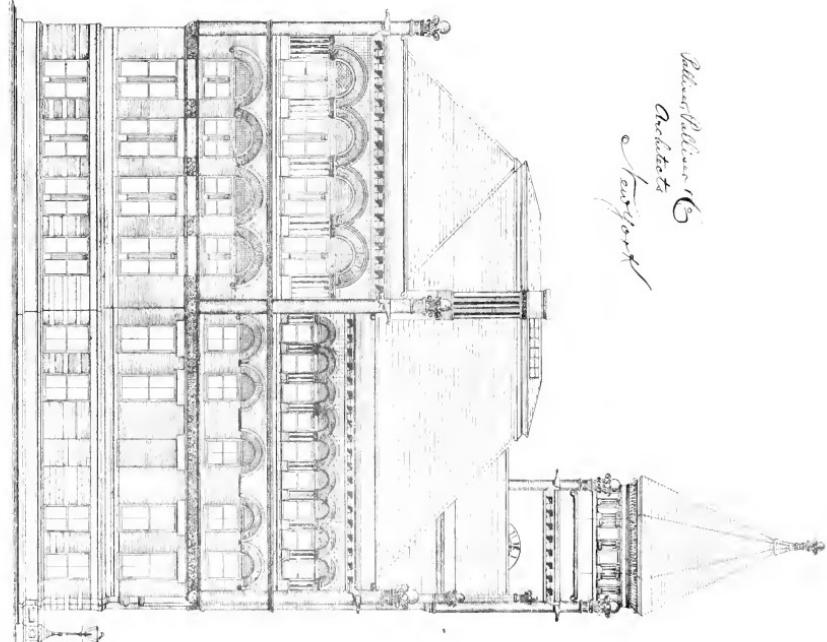
Trev. Desv.-Arch.

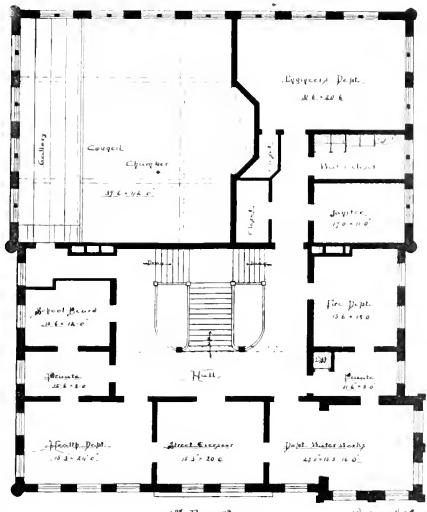
Scale 1" = 100 ft.

Arch. Desv.-Arch.

Pitts, Pitts & Co.  
Architects

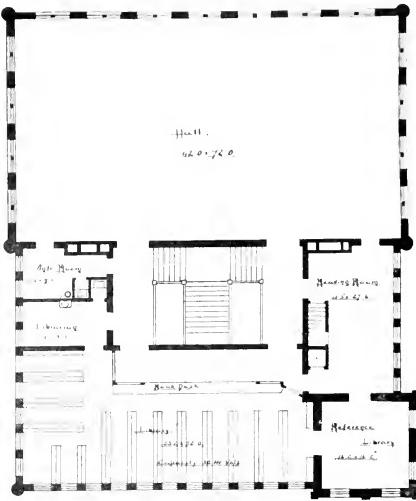
A. T. Foster



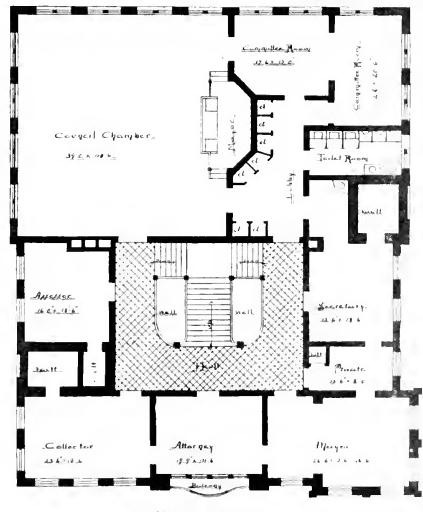


2<sup>nd</sup> Floor Plus Patient

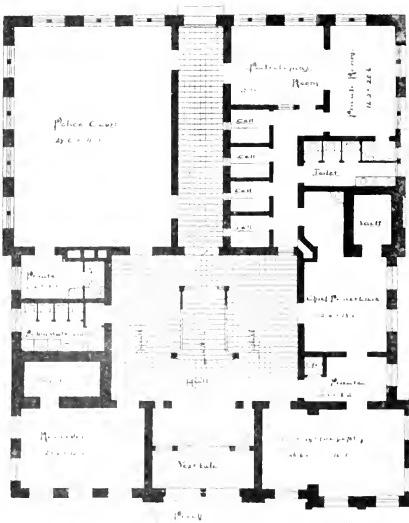
so & Co Architects  
Newmarket



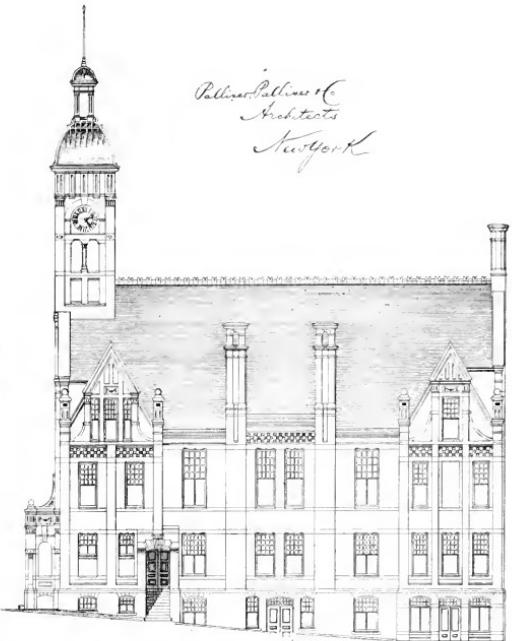
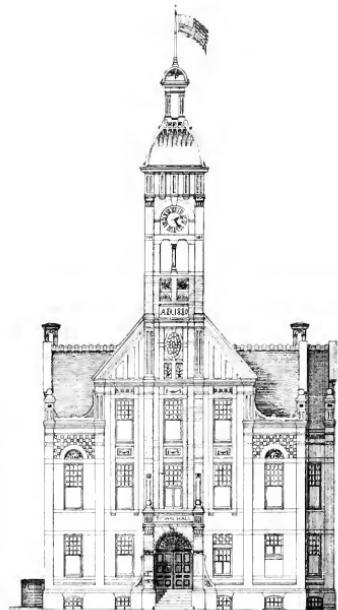
$\delta^{(r)} \{f\}_{\text{max}} \{F\}_{\text{avg}}$



## • First Floor Plans

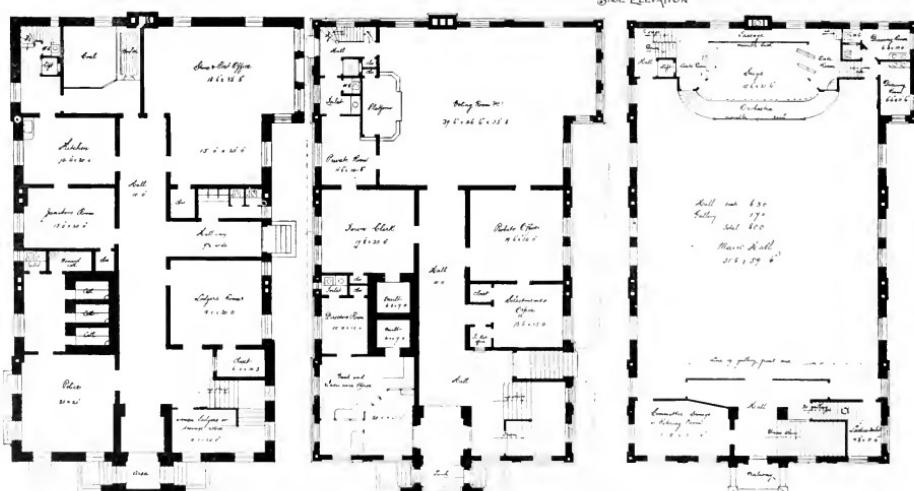


二三一



Palliser, Palliser & C.  
Architects  
New York

FRONT ELEVATION



BASEMENT PLAN

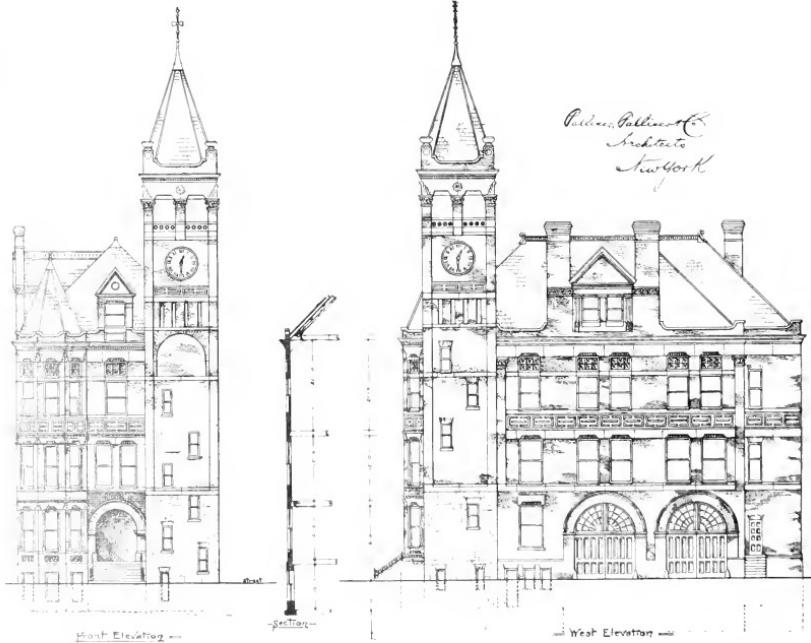
FIRST STORY PLAN

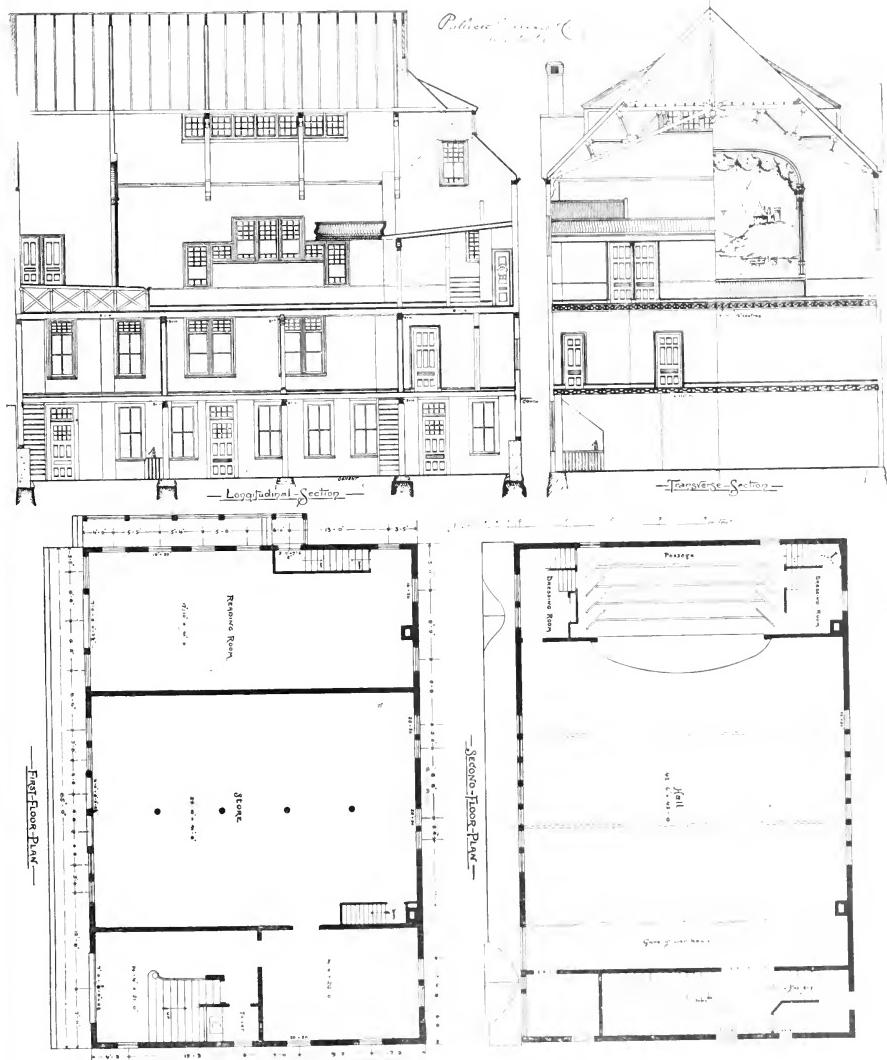
SECOND STORY PLAN

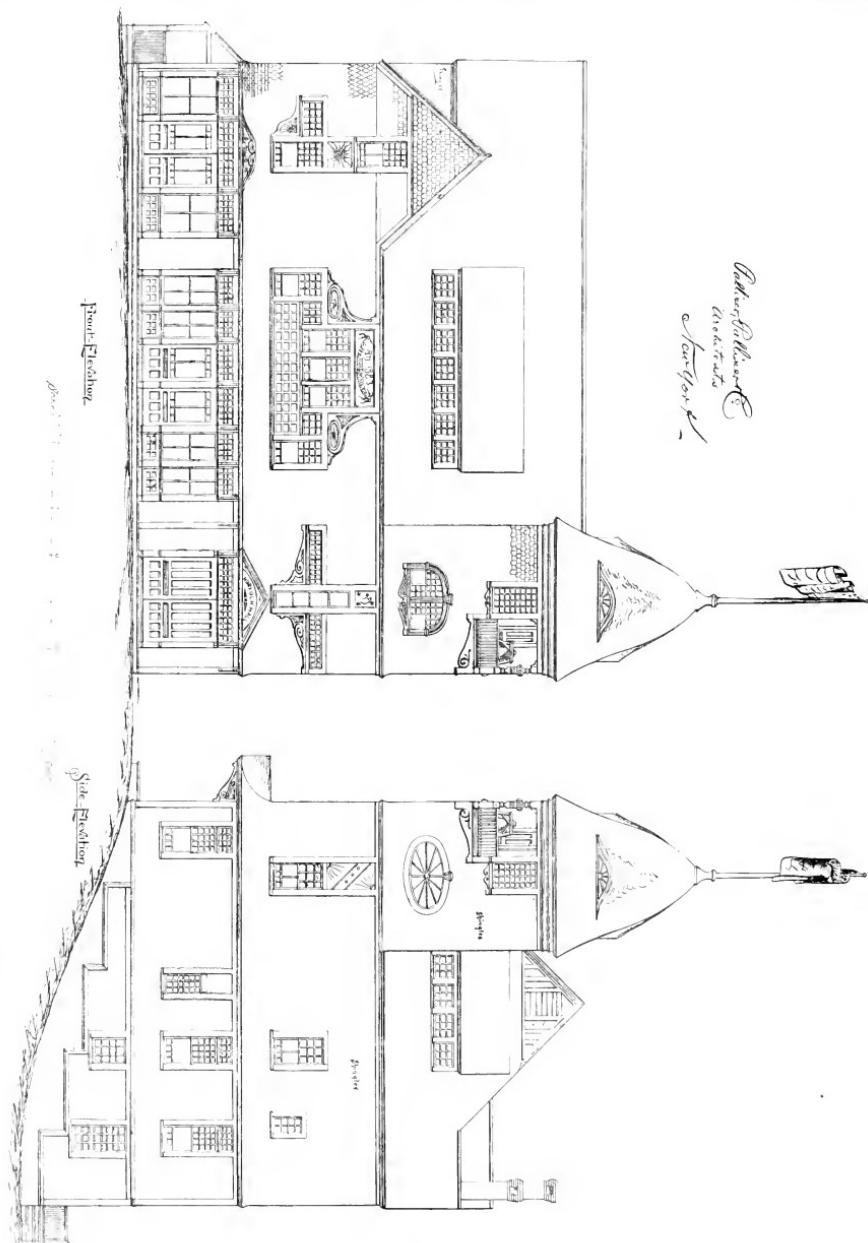




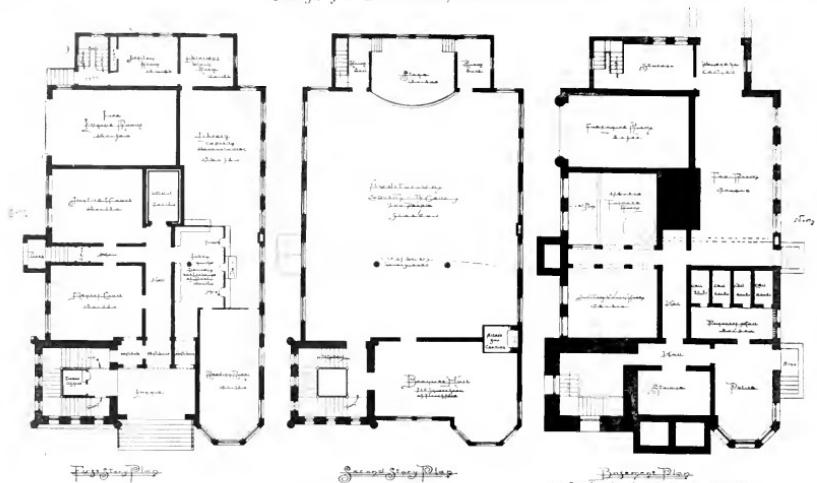
*Architects - P. & C. - New York*









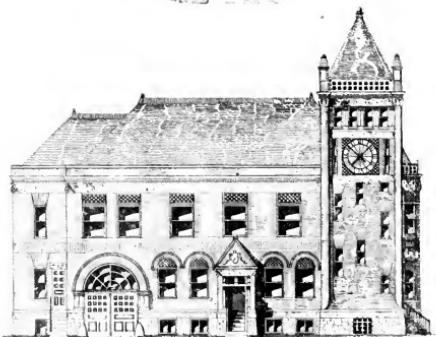
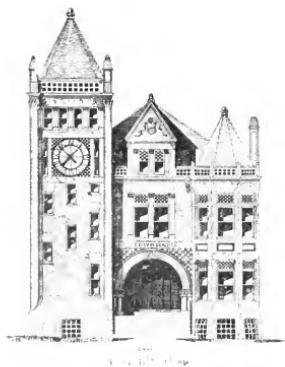
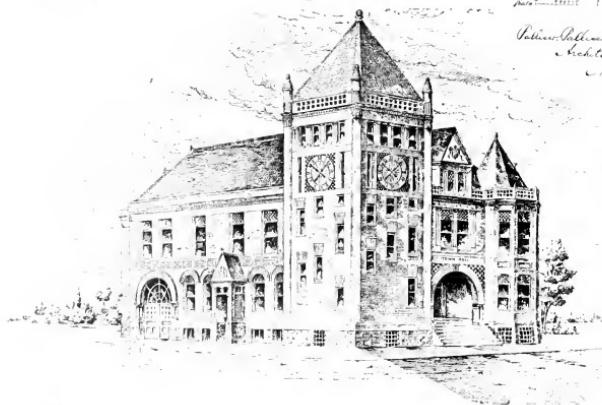


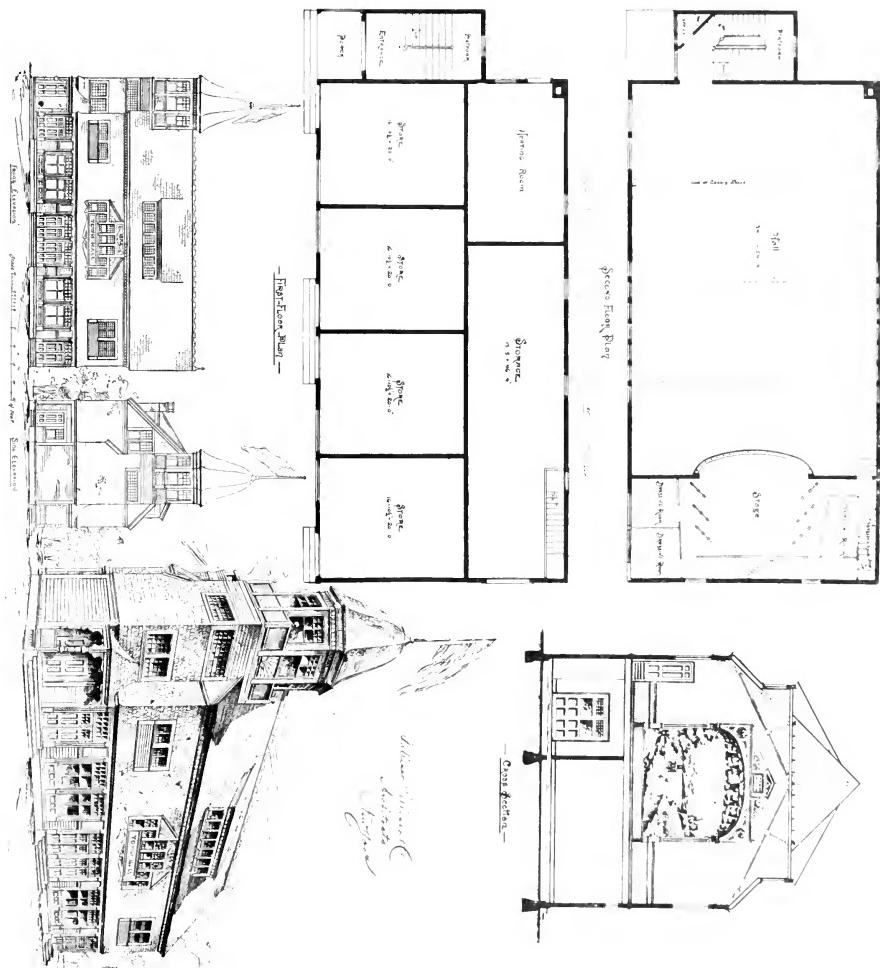
First Floor Plan

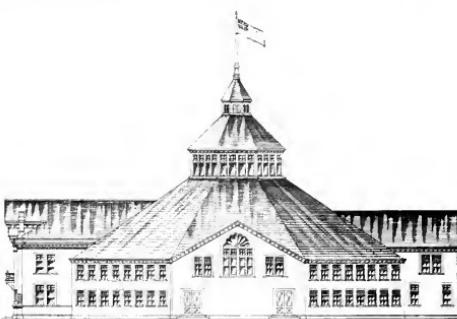
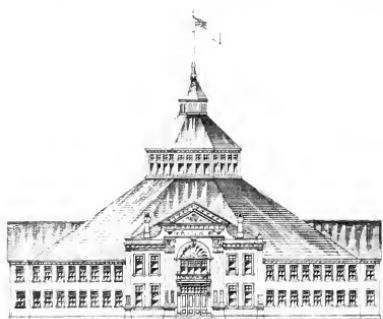
Second Story Plan

Basement Plan

Palliser & Palliser  
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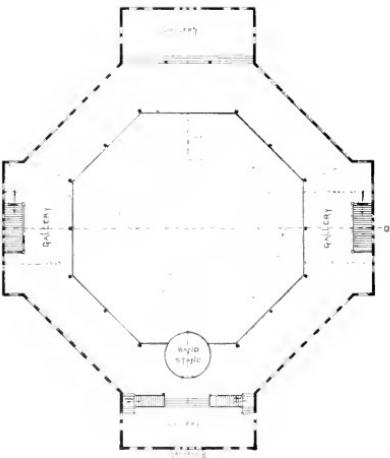
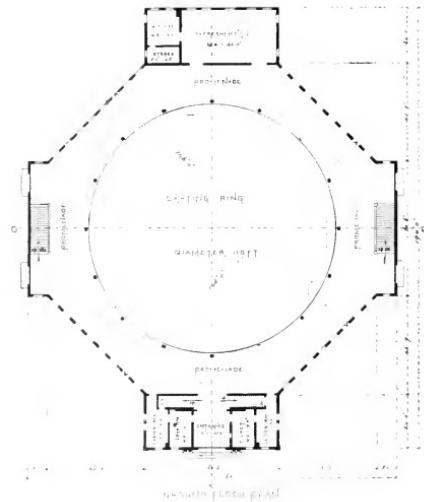




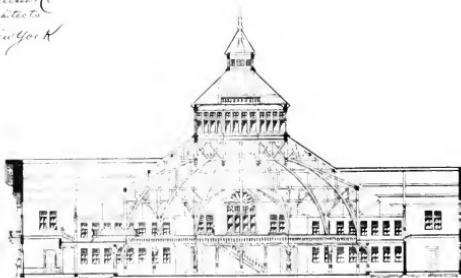
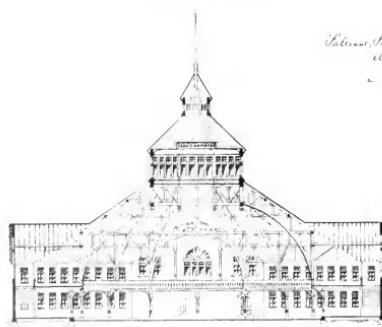


FRONT ELEVATION.

SIDE ELEVATION.



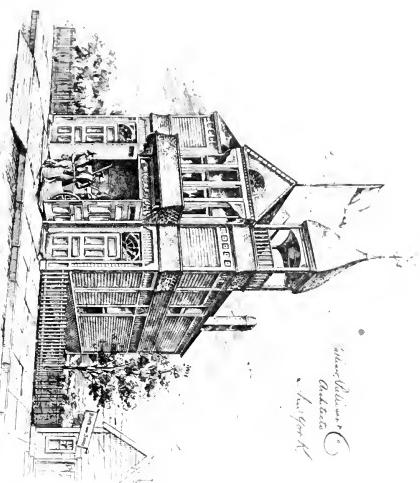
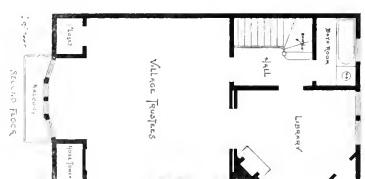
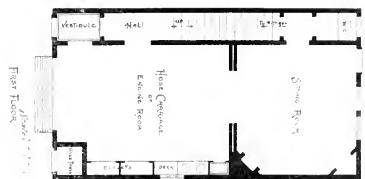
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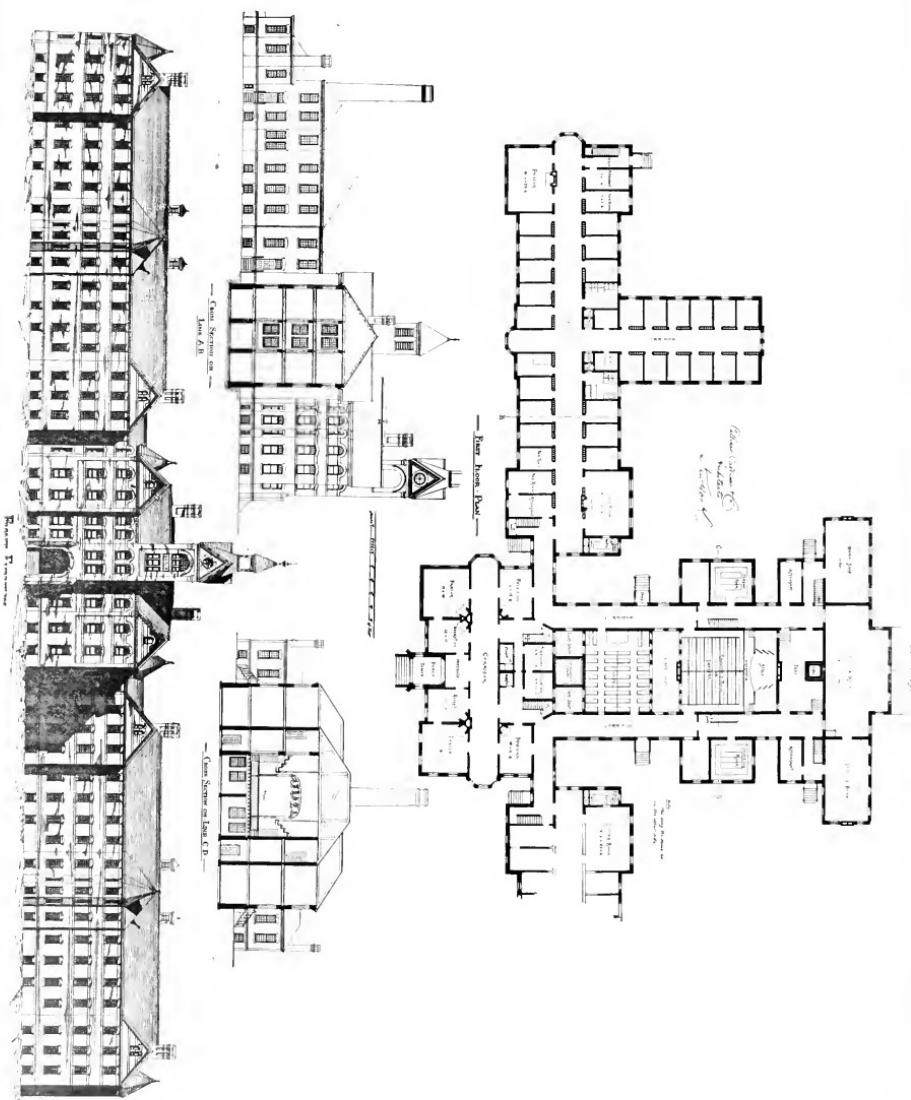


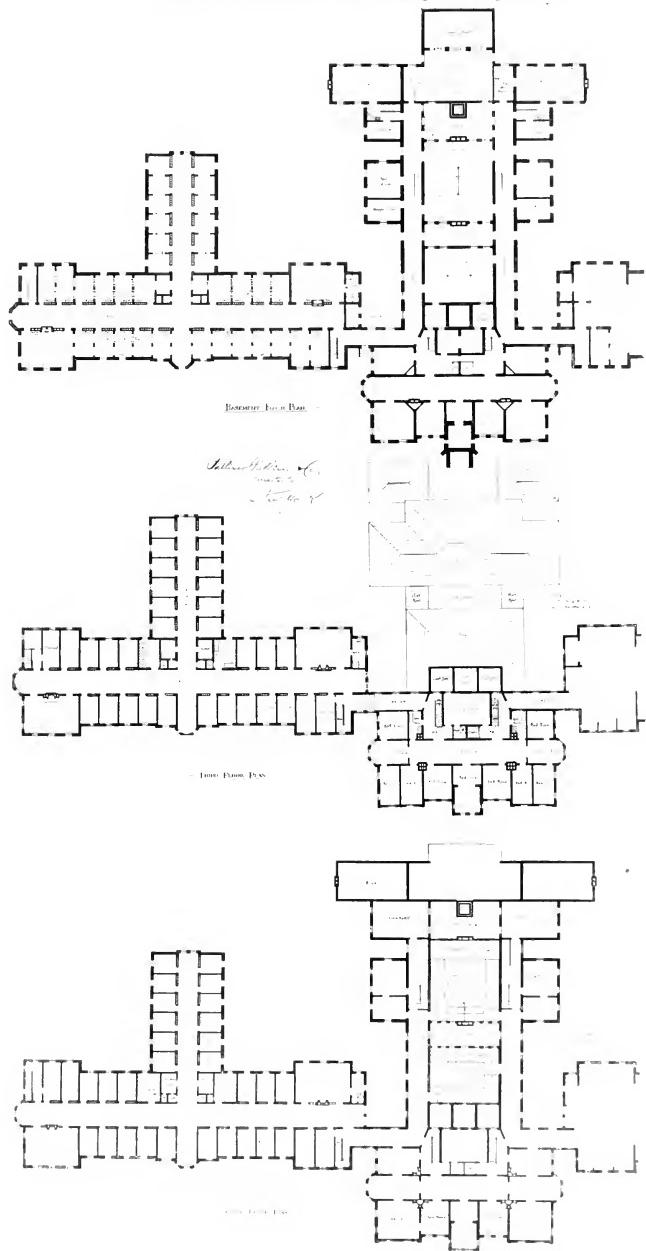
Front elevation, A. A. 10.

Side elevation, A. A. 10.

Top plan, section, A. A. 10.

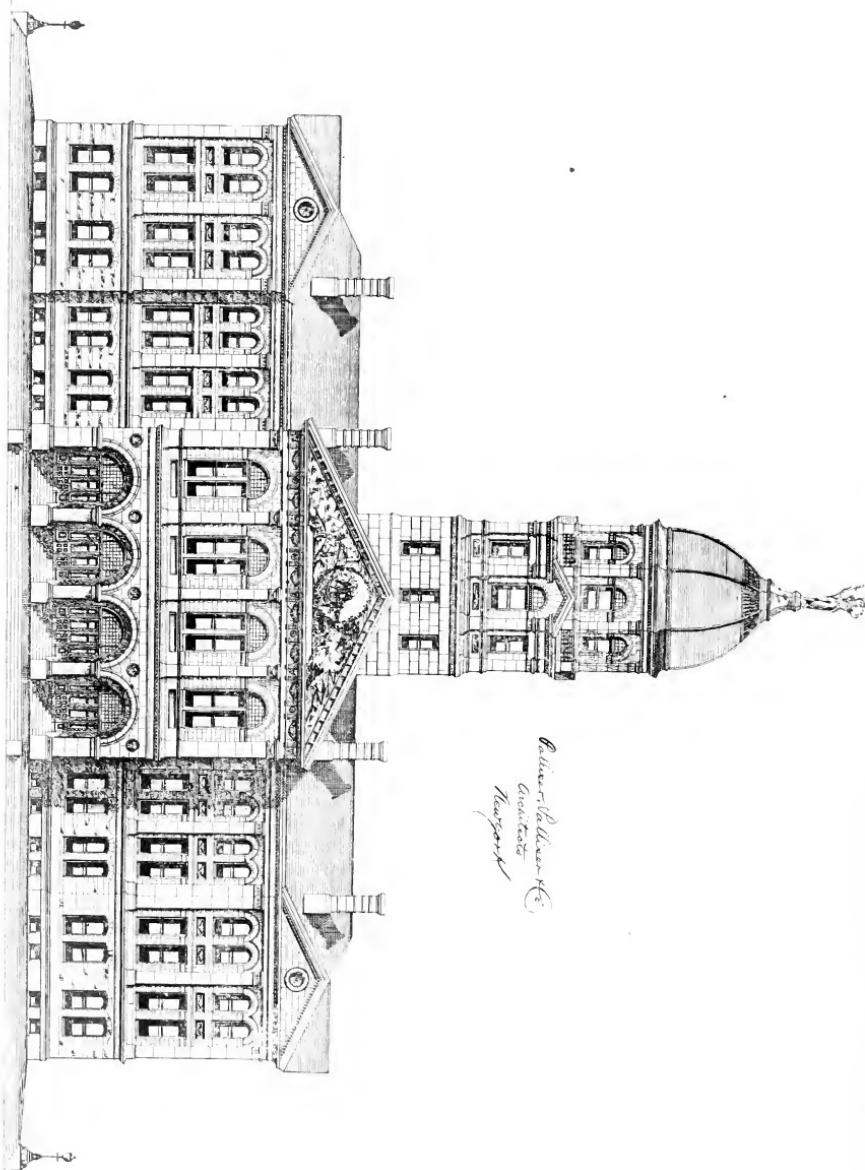


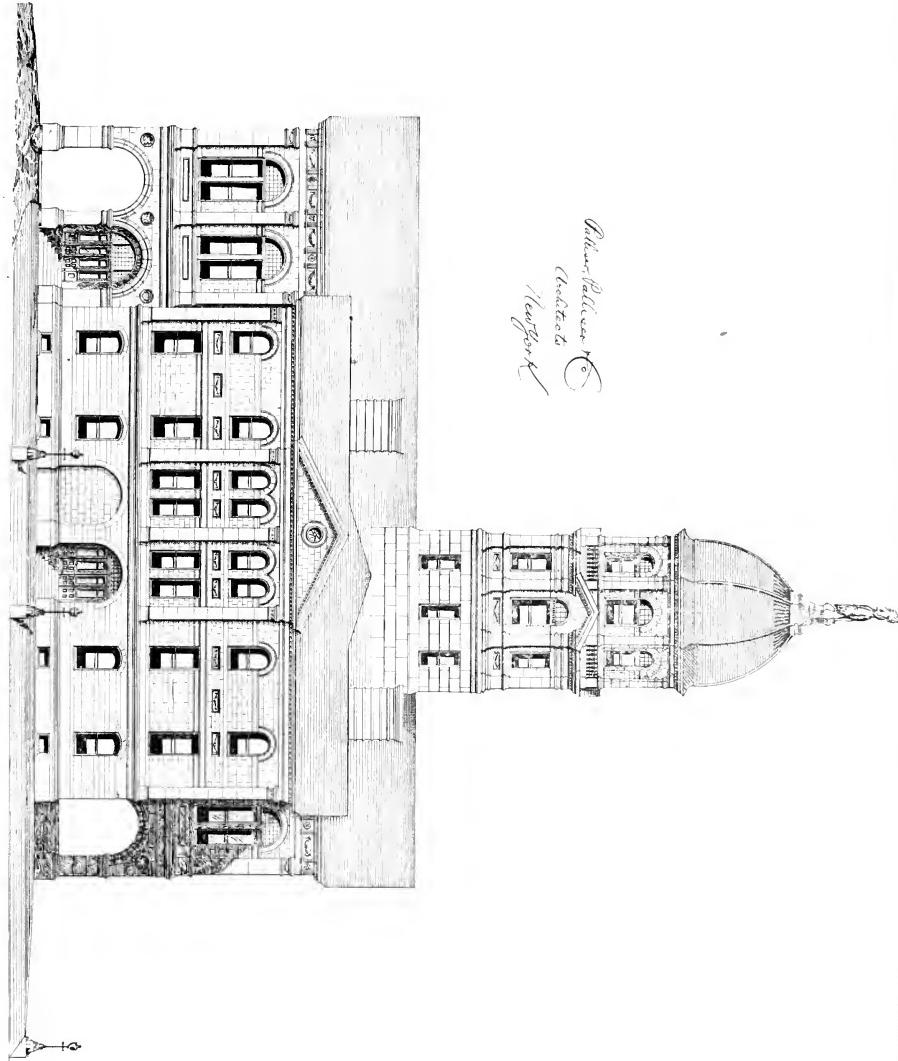




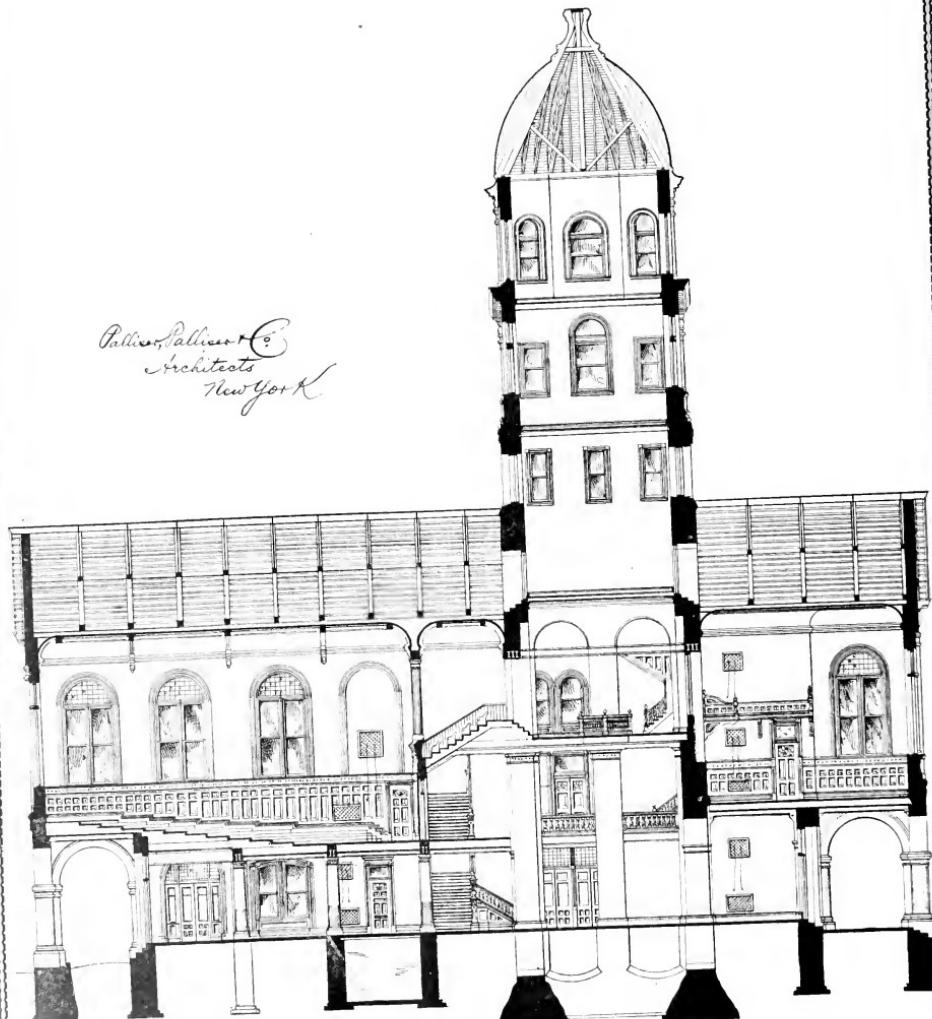


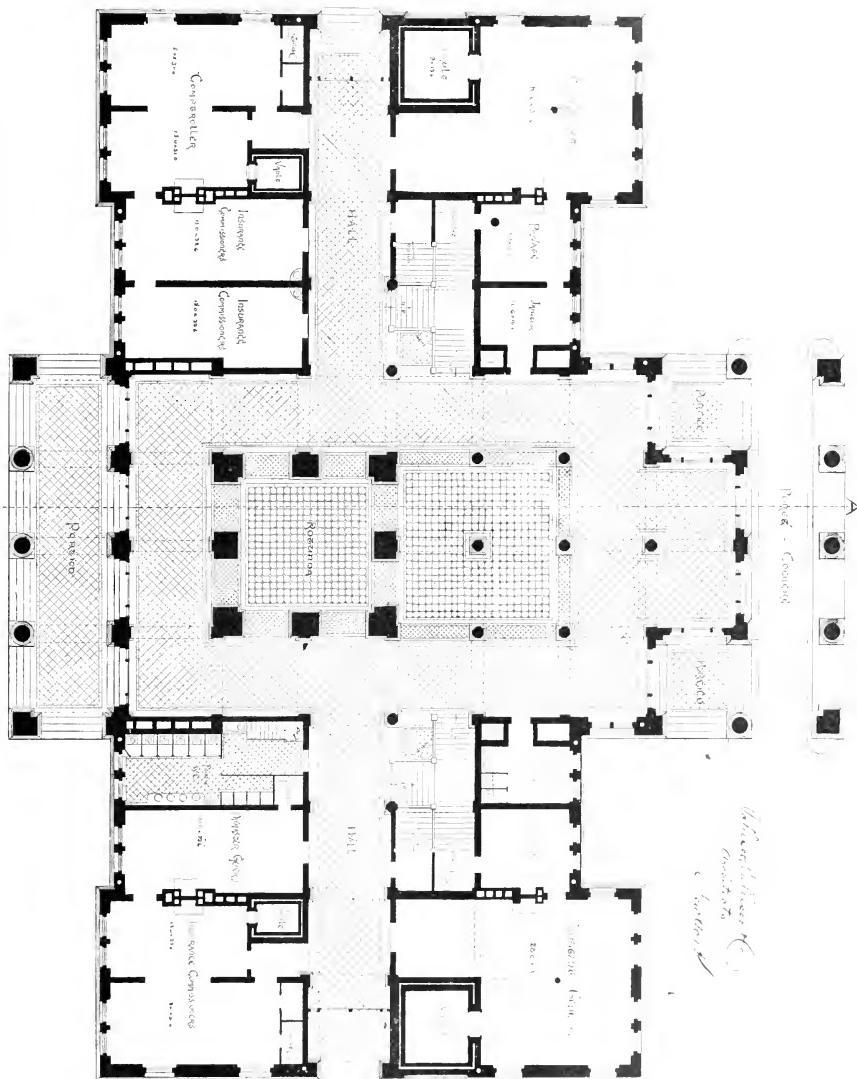


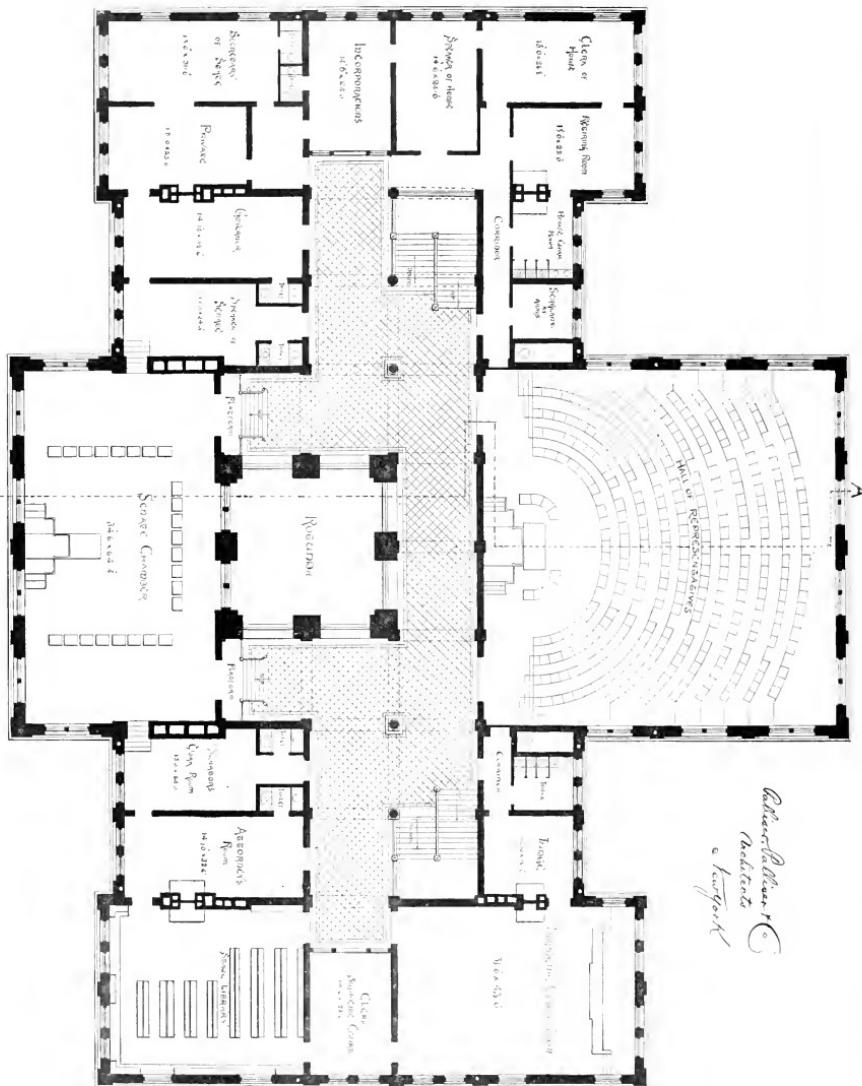


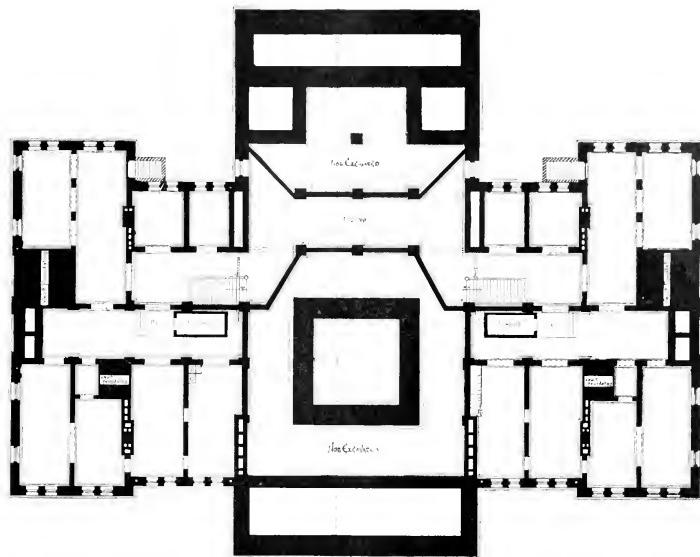


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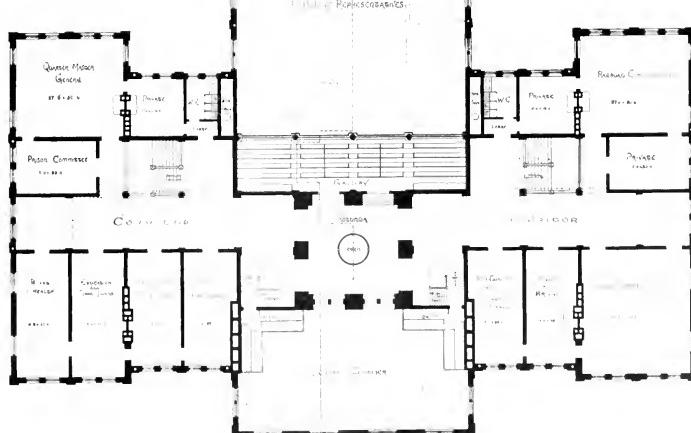




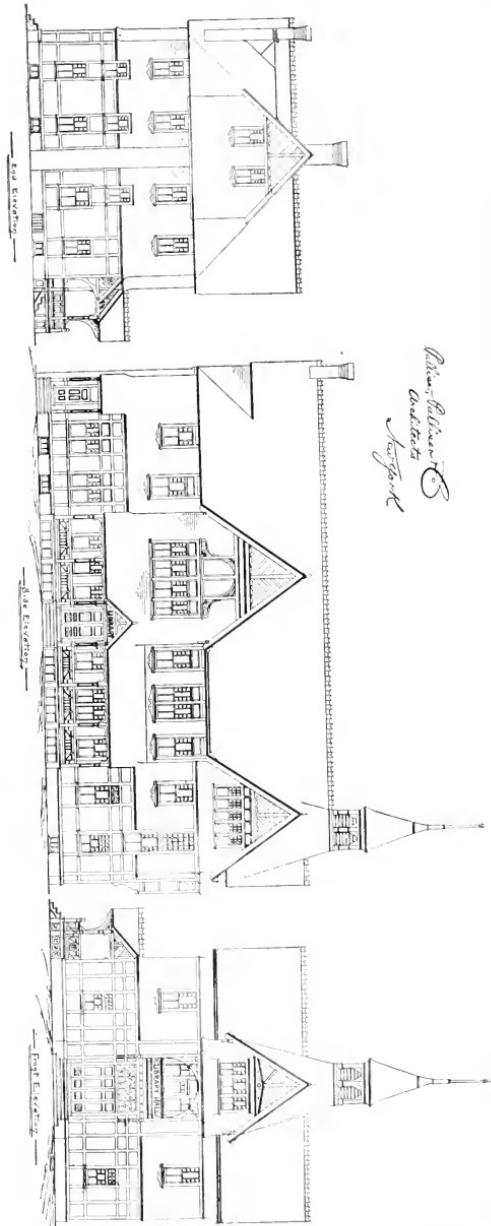
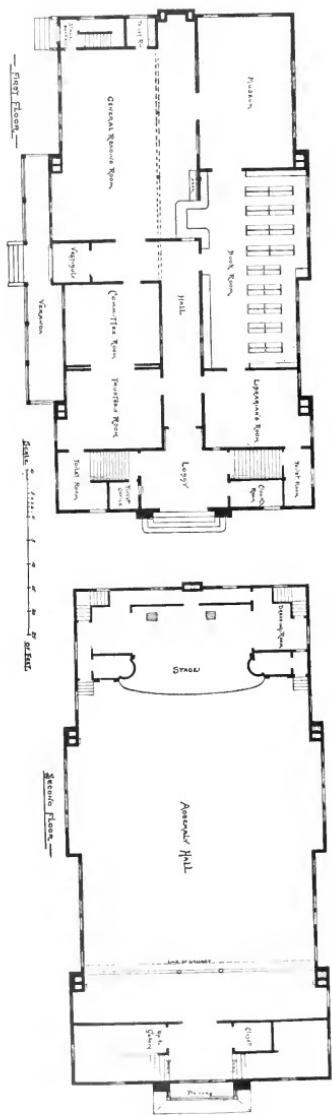


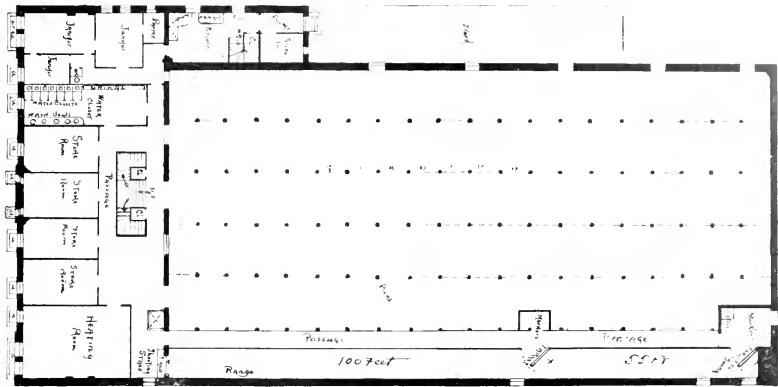
#### Geometric Probability

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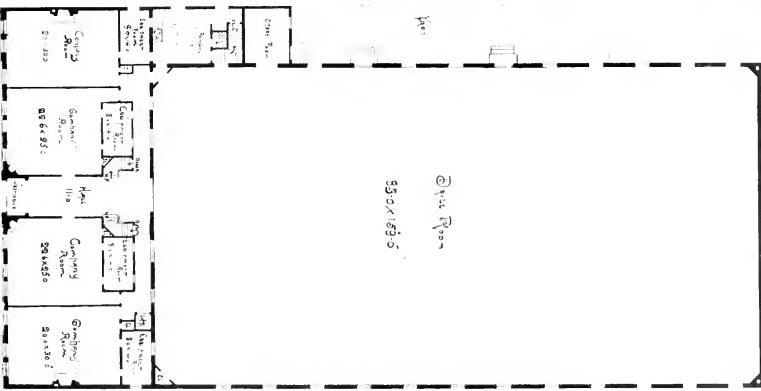


100 mg/L 300 mg/L 500 mg/L





Bremen  
poln.

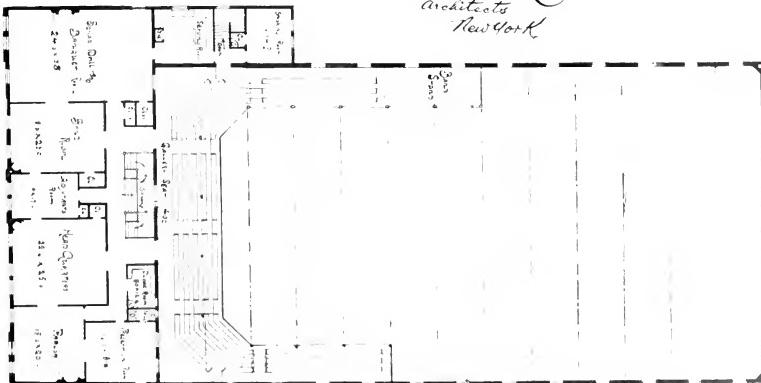


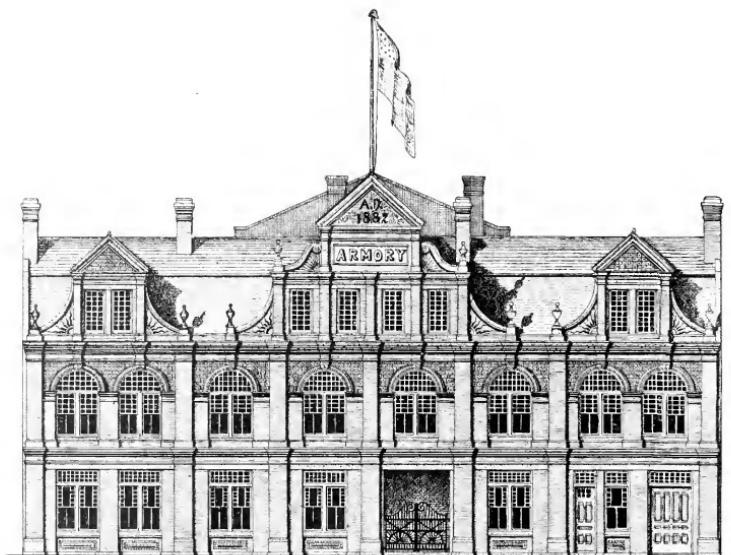
First  
loop

Scale Indicates 5 10 15 20 25 30 of Fear

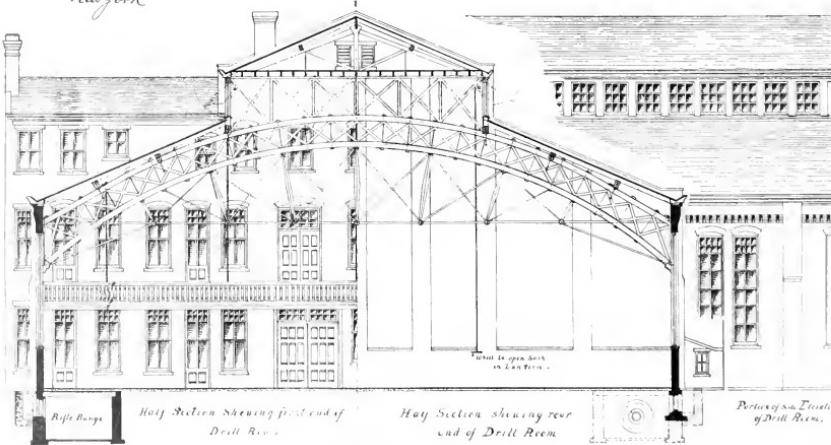
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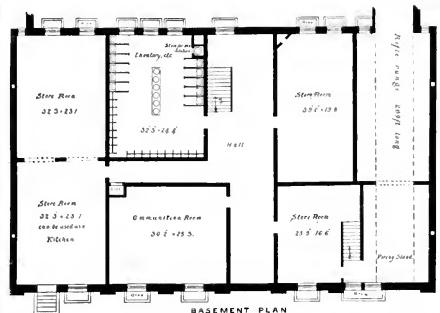




FRONT ELEVATION:

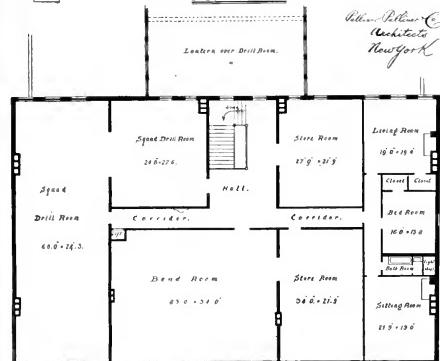


Section of Right  
front part of Building

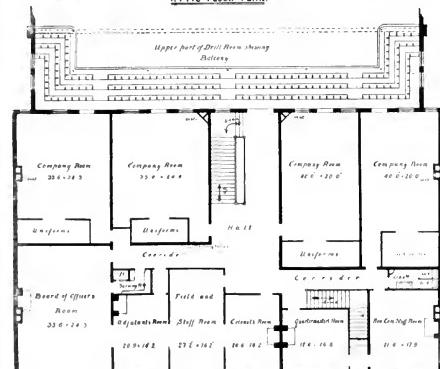


**BASEMENT PLAN**

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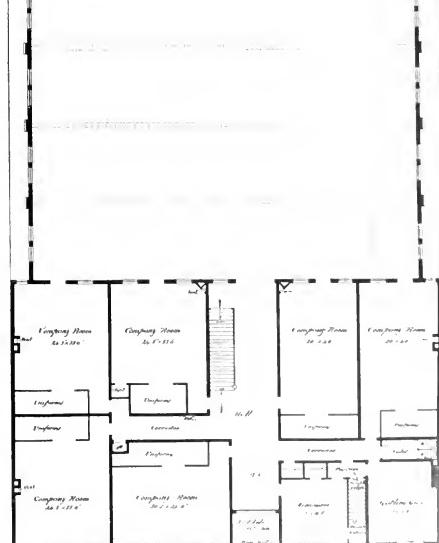
#### ATTIC FLOOR PLAN



— 1 —



Drill Room

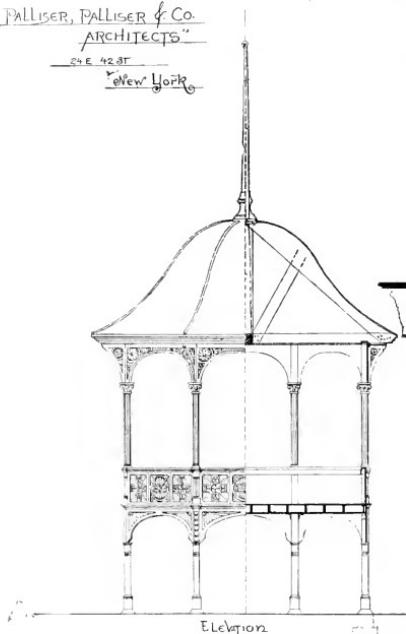


PLAN OF MUSIC PAVILION  
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Elevation

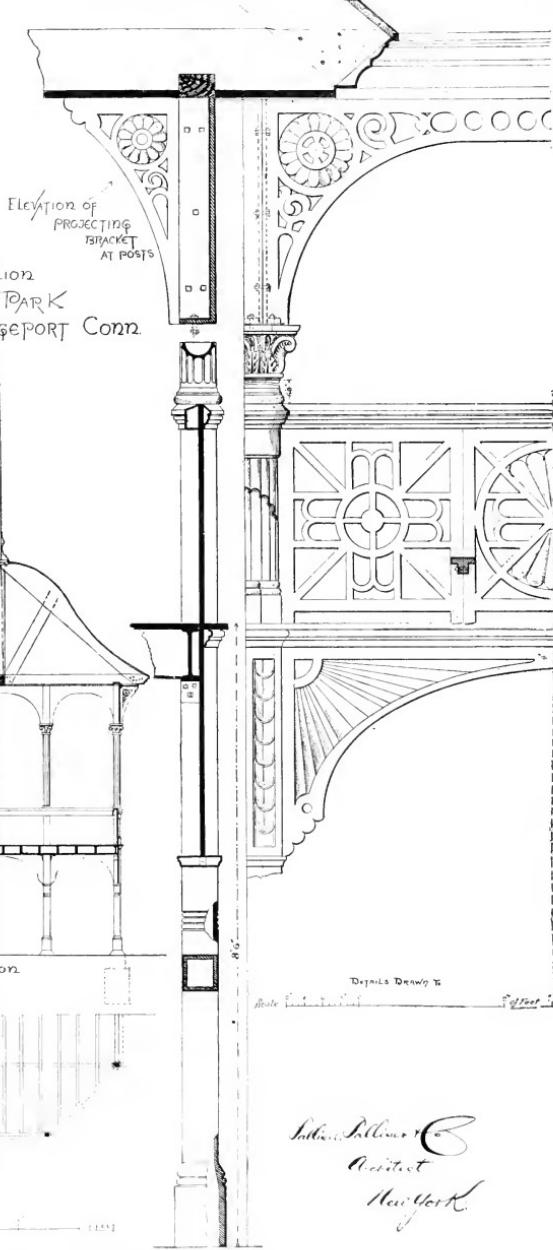


"plan"

Large ornamental  
cupola to have  
dome to set off  
against white  
brick walls surrounding  
the bandstand.

Scale 1" = 10'-0"

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Details Drawing to  
scale 1" = 10'-0"

Palliser, Palliser & C

Architect

New York

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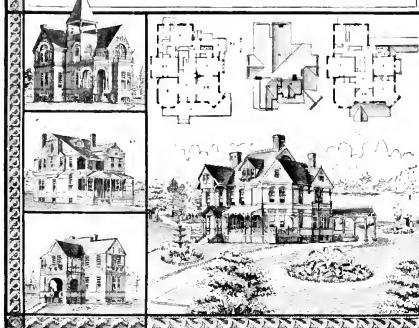
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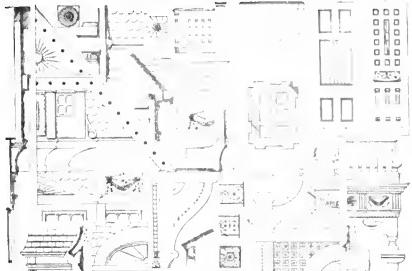
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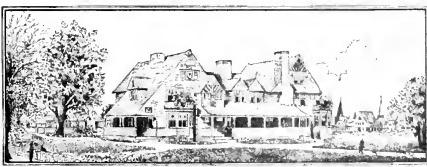
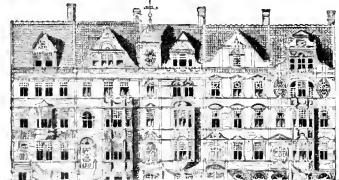
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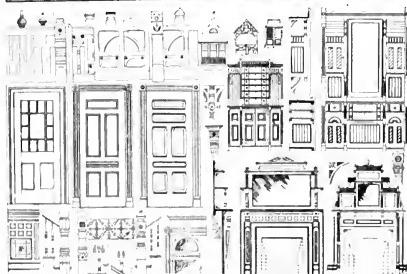
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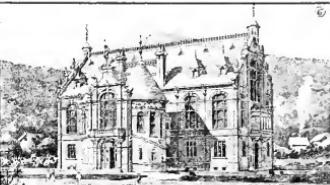
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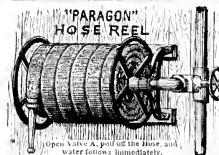
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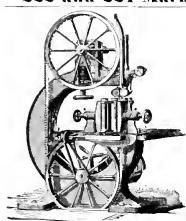
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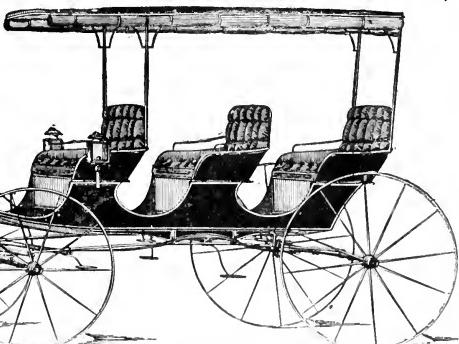
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### PATENT SOAPSTONE FINISH.

The Patent Soapstone Finish is a soapstone paint which is white, smooth and free from what is known as "flock" and "Mop-crack," it is a smooth, hard, durable paint, and is applied by brush or roller. It is composed of soapstone, water, soap, and a small amount of glycerine, in the proportion of one part soapstone to two parts water. It is a very good paint, and is superior to any other paint in durability and permanence.

The Soapstone Finish is a soapstone paint which requires no size, and is applied with a roller, brush, or sponge, and with two coats of paint. When dry, it is a smooth, hard, durable paint, and is superior to any other finish, as it is not liable to crack, and is a good paint with a fine texture, and is a good paint.

When using water colors, it is recommended that the soapstone paint be used as a base, and a sheet of paper, "dark brown" or "brown" should be used.

In the manufacture of fish ash, slate, lime, gray, etc., the Soapstone Finish is manufactured in almost every shade except pale green, making it a good paint for all kinds of work required behind, and cost less than half the cost.

It is difficult to paint other walls, because the Soapstone Finish is a soapstone paint, and cost less than half the cost.

The Soapstone Finish is a soapstone paint, and cost less than half the cost.

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The Best, Most Durable and Economical Articles for Finishing  
—NEW HOUSES ARE—

McCloskey's Liquid Royal Wood Filler and the Amber Finish.

**THE**  
**Liquid Royal** **Wood Filler**

Is the only Filler by which a PERFECTLY SMOOTH and hard surface can be obtained without the necessity of RUBBING OFF. It is an efficient substitute for Shellac and Rubbing Varnish.

**It Saves Varnish. It Saves Time. It Saves Labor.**

It is particularly adapted for PINE, as it does not discolor the lightest woods, and is perfectly TRANSPARENT.

It works as smoothly and flows as easily as Linseed Oil and does not show laps. It is a superior WALL SIZING.

It makes a first-class job when one coat of McCloskey's Amber Finish or other varnish is used.

It makes the FINEST POSSIBLE FINISH when two coats of the Amber Finish are used.

It has made a revolution in the art of finishing, and when once used will never be dispensed with.

McCloskey's WOOD FILLER and STAIN COMBINED is used on Pine, Poplar, Cherry or any other wood that is usually stained. It saves two operations and TWO-THIRDS OF THE MATERIAL usually used in this class of work, as it STAINS, FILLS the grain and acts as FIRST COAT OF VARNISH all in one operation. It requires no sand-papering and does not raise the Grain of the Wood.

The Filler and Stain combined is the only article that will renovate old grained work, by its use old graining can be made to look as good as NEW. It is the only Stain in the market that will give satisfactory results when used over painted work.

We strongly recommend the FULLER and STAIN COMBINED to all who are building dwellings either for their own use or for sale. By their use a pleasing variety of finish may be obtained without additional expense, for instance, one room may be finished with Cherry Stain, another with Walnut or Antique Oak, another in Mahogany or Light Oak, so that the unpleasant monotony of having the whole house finished in the same style is avoided.

**THE AMBER FINISH**

Is made expressly for finishing Public Buildings, Institutions, Churches, Fine Mansions, Etc. It is made from the Best Materials by the Best Workmen and is the

**PALEST, MOST DURABLE and ELASTIC FINISH**  
—IN THE MARKET.—

It can be rubbed or polished in either water or oil and flows with a brilliant lustre. For no over stained or printed work it has no equal on account of its Elasticity. It is heavy bodied and one coat will give a better result than two coats of inferior goods.

The Amber Finish will give a superior result when used alone; when used over the Liquid Royal Wood Filler it will give the finest possible finish that cannot be obtained by the use of any other materials.

**The LIQUID ROYAL WOOD FILLER and the AMBER FINISH**  
will be found to be the most SATISFACTORY GOODS in the market for all fine work.

They are the best for the painter as they are always uniform. They are the best for the architect to specify as they always give satisfaction. They are the best for the owner or purchaser as they are the most durable. They are the best for the Builder as they give the best finish and make the building attractive and salable.

*Note: Generic without the Signature of*

*E. J. McCloskey & Co.*

**FOR SALE BY**

**DEALERS AND JOBBERS THROUGHOUT U. S. AND CANADA, OR  
SEND DIRECT TO US.**

**L. J. McCLOSKEY & CO.,  
No. 59 N. Second St., PHILADELPHIA, PA.**

EDWARD FORD, PRES'T.

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# Pittsburgh Plate Glass Co.

PAID UP CAPITAL \$2,000,000.

MANUFACTURERS OF

## POLISHED PLATE GLASS

Ground and Rough Plate Glass for Floors and Skylights

THREE-SIXTEENTHS THICKNESS MADE EXPRESSLY FOR FINE RESIDENCES.

### LARGE AND WIDE GLASS A SPECIALTY.

The largest Plates of Glass in the cities of Chicago, Cleveland, Detroit, St. Paul, Syracuse, Pittsburgh, Philadelphia, Baltimore, and in many New York Buildings were manufactured at our Works.

### IMMENSE PRODUCTION.

Our Company have recently purchased the Ford City Plate Glass Works and the combined production of our three factories is now 300,000 square feet of Polished Plate Glass per month, the largest output of any firm in the world. The quality of our Glass is unexcelled and we are now able to fill all orders promptly. We solicit correspondence and will cheerfully furnish estimates on receipt of specifications.

GENERAL OFFICE AT NO. 1 WORKS,  
CREIGHTON, PA.

## HENRY HUBER & COMPANY,

Manufacturers of

### SANITARY SPECIALTIES.

Main Office and Warehouses:

81 BEEKMAN ST., NEW YORK.



We manufacture a general line of Plumbing Goods, suitable for public and private work.

### Boyle's Patent Pneumatic Water Closets.

Which we alone control, are used in all parts of the United States, and their excellence in a sanitary point of view is generally acknowledged. They have been placed in Post Office and Court House Buildings and have stood the test where other makes have utterly failed. Many prominent Hotels throughout the country are provided with our Closets; they are also especially adapted for use in residences owing to their Noiseless Operation and Absolute Safety against Noxious Gases.

We have Branch Show Rooms at Boston and Chicago, and invite inspection of our wares.

Our Illustrated Catalogue will be cheerfully sent to all Architects upon application.  
Branches at { S<sup>2</sup> DEARBORN ST., CHICAGO.  
235 WASHINGTON ST., BOSTON.

CARPETS

— AND —

# UPHOLSTERY \* GOODS.

New designs in fine Carpets and Upholstery Goods to harmonize with the present high art decorations of interiors.

The New Ispahan Art Square (*Ingrain*), of Oriental character, are quite moderate in price, and for beauty and durability exceed any similar carpet.

Velvet Pile Carpets, which are so much esteemed for comfort, durability and beauty, can now be obtained for \$1.35 per yard, with selection from twenty-five patterns. These carpets are sold in 4, and also in one yard and in half widths, reducing the number of seams.



## THE PERFECT WATERPROOF FLOOR COVERING.

*Artistic, Sanitary, Durable.*

New Artistic Designs in Harmony

With the Best Interior Decorations.

Soft to the Feet as a Carpet.

Easy to Wash as a Tiled Floor.

Warm to the Feet in Winter.

Cool and Cleanly in Summer.

Not Attacked by Vermin.

Great Sanitary Qualities.

NOISELESS. PRICE MODERATE.

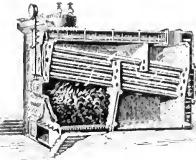
Sold in lengths from 2 to 4 Yards Wide.

W. & J. SLOANE,

BROADWAY, Corner 19th Street, NEW YORK.

SOLE AGENTS.

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## THE WATER TUBE BOILER.

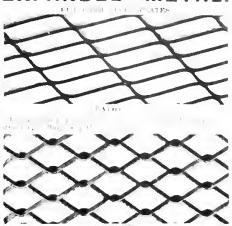
For Heating Large Buildings by Steam or Hot Water.  
Regular sizes supply from 1,000 to 7,000 square  
feet of radiating surface.

## ALL STEEL OR WROUGHT IRON.

References from Hotels, Colleges, etc., using  
them. We specially invite correspondence from  
Architects and Heating Engineers.

STAR STEAM HEATER CO.,  
HARRISBURG, PA.

## EXPANDED METAL.



TRADE MARK.

New designs of expanded metal for  
fences, grates, screens, etc., made  
from the best quality of wire  
and sheet metal.

Central Expanded Metal Co., 116 Water St., Pittsburgh, Pa.  
1004 Dodge Ave., Phila., Pa. 107 Beale St., New York.

## Peerless Colors for Mortar.

## RED, BLACK, BROWN AND BUFF,

Special Colors to order.

Strongest and Most Durable Colors Manufactured

ESTABLISHED 1844.

SAMUEL H. FRENCH & CO.,

Painters' and Builders' Supplies,

Plaster and Cement.

Mantels, Grates, Tile,

Ornamental Glass, etc., etc.

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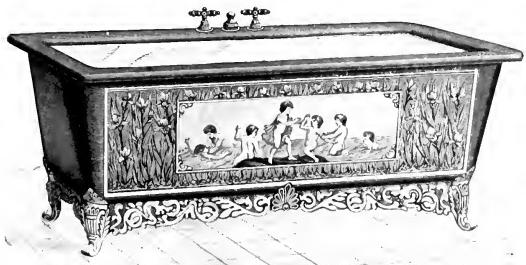
## STANDARD MANUFACTURING CO.,

MANUFACTURERS AND IMPORTERS OF

## Plumbing and Sanitary Goods,

PITTSBURGH, PA.

## THE "MADELIN" BATH.



Special attention given to con-  
tract work for Court Houses,  
Jails and City Halls.

## ANNESS & LYLE

MANUFACTURING CO.,

— OR —

Woodbridge, N. J.,

Who are extensive Manufacturers of Salt Glazed Sewer Pipe and Fire Brick, have recently added to their works an Ornamental Brick Department. They are now prepared to fill orders for Mottled and Buff Brick. These Brick they manufacture from materials mined from their own Clay Pits, and having an abundance of superior clays they are enabled to produce any shade or quality of brick required in the ornamental brick line.

Any information regarding this new departure will be furnished by the firm on application to above address.

Special attention given to con-  
tract work for Court Houses,  
Jails and City Halls.

Descriptive Lists of Our Goods Furnished on Application.

## Brown's Pat. Seamless Drawn Copper HOUSE BOILERS.

Cannot collapse. Will not leak.

Ordinary Boiler tested to 200 pounds.

Extra Heavy tested to 300 pounds.

Made of Two Seamless drawn Copper Shells,  
Handsomest, Best and Strongest in the Market.



Send for circulars giving instructions for prevention of Accidents.

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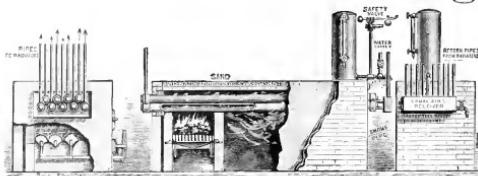
The Brown & Bros. Tubing and Boiler Works and the Brown & Bros. Brass and Copper Rolling Mills,

**WATERBURY, CONN.**

Also Manufacturers of Seamless Drawn Brass and Copper Tubing and Braided Tubing of Newest Patterns and Designs.

Send for Price Lists and Circulars

## E. N. GATES SYSTEM Hot Water Heating.



Scale 1 in. to 1 ft.

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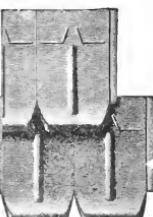
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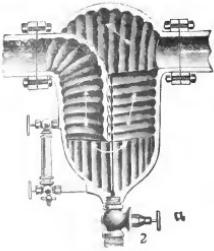
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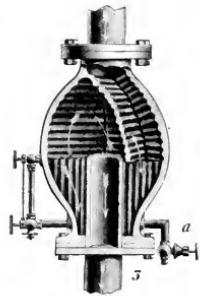
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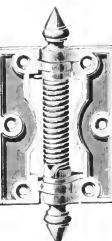
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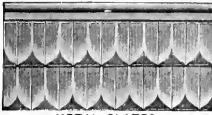
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